SOUTHERN PACIFIC COMPANY

(PACIFIC LINES)

TIME TABLE

FOR THE

PORTLAND DIVISION

137

To Take Effect Monday, February 15, 1943, at 12:01 A. M.

PACIFIC STANDARD TIME

For the government and information of employes only.

C. F. DONNATIN,
General Manager.

J. W. CORBETT,
Assistant General Manager.

R. E. HALLAWELL,
General Superintendent of Transportation.

G. C. BAKER,
Superintendent of Transportation.

M. L. JENNINGS,
Superintendent.

EASTWARD

BROOKLYN SUBDIVISION

Capacity of Sidings in Car Lengths	SECOND CLASS	FIRST CLASS					Distance from San Francisco	Time Table No. 137 February 15, 1943
	686 Freight	**20** Klamath	**18** Oregonian	**24** Cascade	**16** West Coast	**330** Rogue River		
	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		**STATIONS**
Eugene yd. BKWOYPT		6.50PM	2.12PM	9.55AM	6.12AM	3.37AM	649.2	TO-R **EUGENE YARD** E. 0.0
BK							650.2	TO-R **BURMA** E. 3.4
101 P		6.55	2.16	9.59	6.16	3.42	653.0	**IRVING** E. 6.7
110 P		7.03	**2.23**	10.06	6.23	3.50	659.9	**SWAIN** E. 1.4
24 WP		f 7.07				f	660.6	TO **JUNCTION CITY** E. 4.3
80 P		7.18	2.33	10.14	6.34	f 4.02	665.1	TO **HARRISBURG** E. 5.5
104 P		**7.25**	2.38	10.19	6.39	4.07	670.7	**FOLK** E. 2.6
87 P		7.30	2.43	10.24	6.45	f 4.13	673.8	TO **HALSEY** E. 5.3
98 WP		7.36	2.49	10.29	6.51	f 4.20	679.0	**SHEDD** E. 5.5
97 P		**7.50**	2.55	10.34	6.57	f 4.27	684.6	TO **TANGENT** E. 5.9
Albany yd. 86 P			3.00	10.39	7.02	4.33	689.9	**PAGE** E. 0.5
Albany yd. BKW OYPT		s 8.05	s 3.10	**10.44**	s 7.18	s **4.50**	690.9	TO-R **ALBANY** E. 4.4
92 P		8.15	3.20	10.55	7.28	5.00	695.4	**MILLERSBURG** E. 4.9
91 P		8.20	3.25	10.59	7.33	f 5.07	699.5	**JEFFERSON** E. 4.2
Yd Lmt 109 WP		8.25	3.30	11.04	7.38	f 5.15	704.2	TO **MARION** E. 6.1
101 P		8.32	3.37	11.11	**7.45**	f 5.23	710.7	**TURNER** E. 7.0
Salem yd. 105 WP		8.39	3.44	11.19	7.52	5.31	717.4	**PRINGLE** E. 1.2
Salem yd. BKWOYP		s **8.50**	s 3.55	11.27	s 8.05	s 5.50	718.2	TO-R **SALEM** E. 1.9
Salem yd. 72 P		9.00	4.03	11.33	8.14	5.57	720.3	**FAIR GROUNDS** E. 1.8
101 P		**9.05**	4.06	11.36	8.17	6.00	722.2	**LABISH** E. 1.7
23 P						f 6.03	723.3	**CHEMAWA** E. 3.0
99 P		9.15	4.12	11.41	8.23	f 6.08	726.9	TO **BROOKS** E. 5.4
56 P		9.21	4.18	11.47	8.29	f 6.15	732.1	TO **GERVAIS** E. 2.5
Yd Lmt 117 WYP		s 9.28	4.25	11.51	8.36	s 6.28	735.2	TO **WOODBURN** E. 4.5
36 P		9.33	4.29	11.56	8.40	f 6.33	738.8	**HUBBARD** E. 2.2
111 P		9.36	4.33	**11.59**AM	8.44	**6.36**	741.6	**HITO** E. 2.2
(Spur 8) P							743.2	**AURORA** E. 2.1
(Spur 18) P							745.2	**BARLOW** E. 1.3
Yd Lmt 118 WYP		f **9.45**	**4.42**	12.06PM	**9.00**	s 6.48	746.8	TO **CANBY** E. 3.6
(Spur 10) P							750.1	**NEW ERA** E. 0.0
102 P		9.53	4.50	12.13	9.12	6.55	750.8	**COALCA** E. 2.2
23 P							752.9	**PULP** E. 2.2
112 WP		s 10.03	5.00	12.22	9.22	s 7.07	755.5	TO **OREGON CITY** E. 2.8
							757.3	**PARK PLACE** E. 2.5
99 P		f 10.13	5.10	12.32	9.32	f 7.18	760.0	**CLACKAMAS** E. 3.2
107 P		**10.24**	5.15	12.37	9.38	7.24	764.1	**EAST MILWAUKIE** E. 2.2
Portland yard P	7.25PM	10.27	5.17	12.39	9.40	7.26	765.2	**WILLSBURG JCT.** E. 1.6
Portland yard 42 BKW OTP	7.30PM	10.29	5.19	12.41	9.43	7.30	766.9	TO-R **BROOKLYN** E. 1.1
Portland yard							767.9	**HAIG** E. 1.8
Portland yard						s 7.45	769.7	**EAST MORRISON ST.** E. 1.0
Portland yard BKIP		s 10.50PM	s 5.45PM	s 1.05PM	s 10.05AM	s 7.55AM	771.0	TO-R **PORTLAND**
	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		121.8
	(0.05) 20.40	(4.00) 30.45	(3.33) 34.31	(3.10) 38.41	(3.58) 30.79	(4.18) 28.33		..............Time over District ....Average Speed per Hour

A. B. S.

No. 18 reduce speed at Halsey to permit mail to be thrown into mail car.
No. 16 and No. 18 reduce speed at Oregon City to exchange U. S. Mail and newspapers.
No. 330 stop if necessary at Aurora to exchange U. S. Mail.
RULE 5. Schedule time and train orders of eastward first-class trains Eugene Yard apply at east switch Eugene siding opposite signals 6490-6491. See page 7 for Tallman Branch trains using siding between Page and Albany and page 7 for Falls City Branch schedules.
RULE 72. Eastward inferior trains may run ahead of delayed first-class trains Willsburg Jct. to Brooklyn.

ADDITIONAL STATIONS

Hawley Pulp & Paper Co.	M. P. 752.2—26 cars
Haskell	M. P. 761.0— 6 cars (Spur)

ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE PASSENGERS

Train	At	Receive or Discharge	Passengers from (or bey
16	Jct. City, Halsey, Chemawa, Woodburn, Canby, Ore. City	Discharge, revenue	Klamath Falls
20	Halsey, Chemawa	Revenue	Eugene or Portland
20	Harrisburg, Halsey ,Tangent	Perishable express	Eugene or Portland
24	Albany, Salem	Discharge	Davis

BROOKLYN SUBDIVISION

WESTWARD

	Time Table No. 137 February 15, 1943 **STATIONS**	Distance from Portland	FIRST CLASS					SECOND CLASS					
			19 Klamath Arrive Daily	**23** Cascade Arrive Daily	**15** West Coast Arrive Daily	**329** Rogue River Arrive Daily	**17** Oregonian Arrive Daily	**685** Local Freight Arrive Daily Ex. Sunday	**661** Freight Arrive Daily	**663** Freight Arrive Daily	**665** Freight Arrive Daily	**667** Freight Arrive Daily	**669** Freight Arrive Daily
A. B. S.	TO-R **EUGENE YARD** W. 0.0	121.8	11.48 AM	8.31 PM	10.38 PM	11.35 PM	1.37 AM		6.00 AM	9.40 AM	2.55 PM	8.00 PM	1.05 AM
	TO-R **BURMA** W. 2.5	120.8											
	IRVING W. 6.8	118.0	11.44	8.27	10.33	11.30	1.33		5.54	9.34	2.45	7.52	12.58
	SWAIN W. 0.6	111.1		8.20	10.26	11.22	1.26				**2.23**		
	TO **JUNCTION CITY** W. 4.9	110.4	f 11.35	8.18	10.24	s 11.20	1.24		5.41	9.16	2.20	7.44	12.50
	TO **HARRISBURG** W. 5.7	105.9	11.26	8.11	10.17	11.10	1.17		5.32	9.07	2.12	7.34	12.41
	FOLK W. 2.5	100.3	11.17	8.05	10.11	11.03	1.11		5.23	8.59	2.03	**7.25**	12.32
	TO **HALSEY** W. 5.3	97.2	11.12	8.02	10.07	10.59	1.07		5.18	8.53	1.57	7.01	12.27
	SHEDD W. 5.5	92.0	11.04	7.55	10.01	10.52	1.01		5.10	8.45	1.49	6.51	12.19
	TO **TANGENT** W. 6.6	86.4	10.56	**7.50**	9.55	10.46	12.55		5.02	8.36	1.42	6.44	12.10 AM
	PAGE W. 0.3	81.1		7.44	9.50	10.39	12.50						
	TO-R **ALBANY** W. 3.8	80.1	s **10.44**	s 7.40	s 9.45	s 10.35	s 12.45		**4.50**	8.24	1.31	6.33	11.59 PM
	MILLERSBURG W. 4.9	75.6	10.21	7.25	9.22	10.06	12.23		4.30	8.12	1.19	6.21	11.31
	JEFFERSON W. 4.5	71.5	10.17	7.20	9.17	10.00	12.17		4.23	8.05	1.13	6.15	11.25
	TO **MARION** W. 5.9	66.8	10.12	7.15	9.12	f 9.54	12.06 AM		4.16	7.58	1.06	6.08	11.18
	TURNER W. 7.1	60.3	10.05	7.08	9.05	f 9.44	11.59 PM		4.06	**7.45**	12.56	5.58	11.08
	PRINGLE W. 0.6	53.6	9.58	7.00	8.57	9.34	11.52		3.55	7.25	12.45	5.47	10.57
	TO-R **SALEM** W. 2.2	52.8	s 9.55	s 6.57	s **8.50**	s 9.30	s 11.49		3.50	7.20	12.42	5.44	10.37
	FAIR GROUNDS W. 2.1	50.7	9.40	6.50	8.32	9.10	11.29		3.43	7.12	12.36	5.38	10.31
	LABISH W. 0.9	48.8	9.36	6.47	8.29	**9.05**	11.26		3.39	7.08	12.32	5.34	10.27
	CHEMAWA W. 3.8	47.7				9.00							
	TO **BROOKS** W. 5.0	44.1	9.31	6.42	8.24	8.56	11.21		3.31	7.01	12.25	5.25	10.18
	TO **GERVAIS** W. 3.2	38.9	9.25	6.36	8.18	8.50	11.15		3.22	6.52	12.16	5.19	10.12
	TO **WOODBURN** W. 3.6	35.8	s 9.20	6.32	8.14	s 8.45	11.11		3.15	6.46	12.11	5.03	10.06
	HUBBARD W. 2.8	32.2	9.12	6.27	8.10	8.38	11.07		3.00	6.40	12.05 PM	4.57	10.00
	HITO W. 1.3	29.4	9.09	6.24	8.07	8.35	11.04		2.55	**6.36**	**11.59** AM	4.52	9.55
	AURORA W. 1.9	27.8											
	BARLOW W. 2.6	25.8											
	TO **CANBY** W. 2.3	24.2	**9.00**	6.15	7.59	s 8.25	10.56		2.44	6.25	11.44	**4.42**	**9.45**
	NEW ERA W. 1.1	20.9											
	COALCA W. 1.8	20.2	8.52	6.08	7.51	8.15	10.50		2.33	6.14	11.35	4.33	9.33
	PULP W. 2.6	18.1											
	TO **OREGON CITY** W. 1.8	15.5	f 8.41	5.59	7.42	s 8.05	10.41		2.21	6.03	11.25	4.23	9.23
	PARK PLACE W. 3.4	13.7				f							
	CLACKAMAS W. 3.4	11.0	8.30	5.49	7.31	f 7.50	10.30		2.12	5.52	11.12	4.12	9.12
	EAST MILWAUKIE W. 1.0	6.9	8.25	5.44	7.26	7.41	**10.24**		2.05	5.45	11.05	4.05	9.05
	WILLSBURG JCT. W. 2.6	5.8	8.23	5.42	7.23	7.39	10.22	12.40 AM	2.03	5.43	11.03	4.03	9.03
	TO-R **BROOKLYN** W. 0.1	4.1	8.20	5.40	7.20	7.37	10.20	12.35 AM	2.00 AM	5.40 AM	11.00 AM	4.00 PM	9.00 PM
Double Track	**HAIG** W. 1.8	3.1											
	EAST MORRISON ST. W. 1.7	1.3				s 7.22							
	TO-R **PORTLAND**	0.0	8.00 AM	5.20 PM	7.00 PM	7.15 PM	10.00 PM						
		121.8	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily
	Time over District Average Speed per Hour		(3.48) 32.05	(3.11) 38.24	(3.38) 33.52	(4.20) 28.11	(3.37) 33.68	(0.05) 20.40	(4.00) 29.42	(4.00) 29.42	(3.55) 30.05	(4.00) 29.42	(4.05) 28.87

On request of postal clerk No. 19 reduce speed at Gervais, Shedd, Halsey, Harrisburg and Junction City to dispatch U. S. Mail and newspapers.

No. 17 reduce speed at Oregon City to exchange mail and newspapers.

See page 7 for Tallman Branch trains using siding between Albany and Page, and page 7 for Falls City Branch schedules.

RULE 5. Schedule time and train orders of westward first-class trains Brooklyn apply at crossover which enters yard just west of telegraph office.

ADDITIONAL STATIONS

Hawley Pulp & Paper Co.	M. P. 752.2—26 cars
Haskell	M. P. 761.0— 6 cars (Spur)

ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE PASSENGERS

Train	At	Receive or Discharge	Passengers to (or beyond)	Passengers from (or beyond)
19	Canby, Chemawa, Halsey	Revenue	Eugene	Portland
15	Ore. City, Canby, Woodburn, Jct. City	Receive, revenue	Klamath Falls	
329	Chemawa	Receive or discharge	Eugene	Portland
329	Any Station	Receive	Eugene	

BROOKLYN SUBDIVISION

A. B. S.

EASTWARD												Time Table No. 137 February 15, 1943		WESTWARD									
Capacity of Sidings in Car Lengths	SECOND CLASS					FIRST CLASS					Distance from San Francisco		Distance from Eugene Yard	FIRST CLASS					SECOND CLASS				
					734 Freight	20 Klamath	18 Oregonian	24 Cascade	16 West Coast	330 Rogue River		STATIONS		17 Oregonian	19 Klamath	23 Cascade	15 West Coast	329 Rogue River	671 Freight	733 Freight	673 Freight	675 Freight	677 Freight
					Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily				Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily
Yard Limits 100 YBKWOP						3.15 PM	10.55 AM	6.50 AM	2.20 AM		528.6	TO-R **CRESCENT LAKE** E. 4.1 — W. 3.6	96.9	s 5.40 AM	s 4.25 PM	12.30 AM	s 3.00 AM		8.20 AM		3.50 PM	10.00 PM	4.00 AM
93 P						3.21	11.01	6.56	2.26		532.1	**ODELL LAKE** E. 3.8 — W. 4.2	93.4	5.33	4.15	12.23	2.50		8.10		3.40	9.50	3.50
144 Yd Lmt WYP						f **3.30**	11.07	7.02	**2.35**		536.7	TO **CASCADE SUMMIT** E. 4.5 — W. 4.2	88.8	5.25	f 4.05	12.15 AM	**2.35**		8.00		**3.30**	9.40	3.40
113 P						**3.41**	11.16	7.10	2.47		540.8	**ABERNETHY** E. 5.5 — W. 5.4	84.7	5.05	**3.41**	11.55 PM	2.15		7.40		3.10	9.20	3.20
98 IWP						3.53	11.27	**7.21**	**3.00**		546.0	TO **CRUZATTE** E. 5.1 — W. 5.1	79.5	4.50	3.27	11.40	2.00		**7.21**		2.50	9.00	**3.00**
108 P						4.04	11.38	7.32	3.13		551.3	**FRAZIER** E. 3.7 — W. 3.7	74.2	4.35	3.13	11.25	1.45		6.50		2.30	8.40	2.40
101 YP						4.14	11.48 AM	7.42	3.26		554.8	TO **FIELDS** E. 5.4 — W. 5.4	70.7	4.23	2.57	11.13	1.30		6.30		2.10	8.20	2.15
108 WP						4.26	12.01 PM	7.54	3.39		560.4	TO **WICOPEE** E. 4.0 — W. 4.0	65.1	4.08	2.42	10.58	1.15		6.10		1.50	8.00	1.55
99 P						4.37	12.09	8.02	**3.56**		564.2	**HEATHER** E. 5.5 — W. 5.5	61.3	**3.56**	2.32	10.47	1.05		5.50		1.30	7.40	1.35
100 WP						4.48	12.19	8.13	4.10		569.3	TO **McCREDIE SPRINGS** E. 5.5 — W. 5.5	56.2	3.45	2.20	10.36	12.52		5.30		1.15	7.20	1.15
106 P						5.00	12.31	8.25	4.22		575.3	**PRYOR** E. 5.4 — W. 6.1	50.2	3.32	2.07	10.23	12.38		5.10		12.58	7.00	12.55
Yard Limits 157BKWOYP						s 5.15	**12.43**	8.36	s **4.40**		580.5	TO-R **OAKRIDGE** E. 1.5 — W. 0.0	45.0	s 3.20	s 1.55	10.10	s 12.25		**4.40**		**12.43** PM	6.40	12.35 AM 11.42 PM
P											581.7	TO-R **TUNNEL** E. 1.0 — W. 1.0	43.8										
P											582.7	TO **WESTFIR** E. 0.6 — W. 1.0	42.8		f								
62 P						5.19	12.47	8.40	4.44		583.5	**HEMLOCK** E. 1.9 — W. 2.4	42.0	2.59	1.38	9.53	12.05		4.06		11.37 AM	5.47	11.32
100 P						5.22	12.51	8.43	4.50		585.6	**LOOKOUT** E. 5.8 — W. 6.0	39.9	2.55	1.33	9.49	12.01 AM		4.02		11.33	5.43	11.28
123 P						**5.31**	12.59	8.51	5.00		592.1	TO **ARMET** E. 4.7 — W. 4.4	33.4	2.46	1.23	9.40	11.55 PM		3.50		11.21	**5.31**	11.16
103 P						5.37	1.04	8.56	5.06		595.9	**RESERVE** E. 4.8 — W. 4.8	29.6	2.41	1.16	9.34	11.46		3.43		11.14	5.16	11.06
100 WP						5.44	**1.10**	9.02	5.13		600.8	TO **CARTER** E. 2.8 — W. 2.1	24.7	2.34	**1.10**	9.27	11.40		3.34		11.04	5.07	10.57
24 P											603.3	**LOWELL** E. 1.7 — W. 2.4	22.2		f								
99 P						f 5.54	1.17	9.08	5.20		605.4	**PENGRA** E. 3.5 — W. 2.5	20.1	2.27	12.54	9.20	11.33		3.26		10.56	4.59	10.49
											608.4	**FALL CREEK** E. 1.4 — W. 2.4	17.1										
101 P						6.01	1.23	9.14	5.28		610.1	**HILLS** E. 2.0 — W. 1.3	15.4	2.20	12.46	9.13	11.26		3.18		10.48	4.49	10.40
29 P											611.9	TO **JASPER** E. 1.9 — W. 2.6	13.6										
101 P						6.08	1.29	9.19	5.35		614.1	**NATRON** E. 4.2 — W. 3.2	11.4	2.14	12.38	9.07	11.20		3.11		10.41	4.41	10.31
Yard Limits P											618.0	R **MOHAWK JCT.** E. 0.6 — W. 1.5	7.5										
96 WYP						6.16	1.36	9.26	5.43		619.4	TO-R **SPRINGFIELD** E. 2.4 — W. 1.5	6.1	2.07	s 12.30	9.00	11.12		3.01		10.31	4.31	10.21
(Spur 28) YP					1.00 PM	6.19	1.39	9.29	5.46	2.55 AM	620.6 644.3	TO-R **SPRINGFIELD JCT.** E. 2.5 — W. 4.5	4.9	2.04	12.24	8.57	11.09	12.15 AM	2.50	8.00 AM	10.28	4.28	10.18
Eugene Yard 179 BKWP						s 6.28 6.43	s 1.48 2.05	s 9.38 9.48	s 5.55 6.05	s 3.05 3.30	647.3	TO-R **EUGENE** E. 1.9 — W. 1.8	1.9	1.55 s 1.45	12.15 PM s 11.55 AM	8.48 s 8.38	11.00 s 10.45	12.05 AM s 11.42 PM					
BKW OTYP					1.20 PM	6.50 PM	2.12 PM	9.55 AM	6.12 AM	3.37 AM	649.2	TO-R **EUGENE YARD**	0.0	1.37 AM	11.48 AM	8.31 PM	10.38 PM	11.35 PM	2.30 AM	7.40 AM	10.10 AM	4.10 PM	10.00 PM
					Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		96.9		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily
					(0.20) 14.70	(3.35) 27.04	(3.17) 29.51	(3.05) 31.43	(3.52) 25.06	(0.42) 7.00		............Time over District............ ....Average Speed per Hour.......		(4.03) 24.24	(4.37) 20.99	(3.59) 24.33	(4.22) 22.27	(0.40) 7.95	(5.50) 16.61	(0.20) 14.70	(5.40) 17.10	(5.50) 16.61	(6.00) 16.15

RULE S-72—Exceptions: No. 330 is superior to Nos. 23, 17 and 15 from Springfield Jct. to west switch Eugene siding.

Nos. 16, 24, 18 and 20 are superior to No. 329 from Springfield Jct. to west switch Eugene siding.

No. 17 stop at Cascade Summit to exchange U. S. Mail.

No. 17 reduce to 10 MPH at Westfir, daily, and No. 18 at Springfield daily except Sundays and Holidays, to exchange U. S. Mail.

No. 19 stop at Fall Creek, Pengra, Armet, McCredie Springs when necessary for U. S. Mail.

Nos. 19 and 20 stop on flag Jasper to exchange U. S. Mail.

No. 20 slow down, stop if necessary, at Springfield and Westfir to exchange U. S. Mail.

RULE 5. Schedule time and train orders of eastward first-class trains Eugene Yard apply at east switch Eugene siding opposite signals 6490-6491.

RULE 72. Eastward and Westward inferior trains may run ahead of delayed first-class trains between Springfield Jct. and Eugene Yard.

RULE 5. Schedule time and train orders of eastward first-class trains Eugene apply at Lincoln Street which is first street east of freight house.

RULE 5 and 105. At Crescent Lake Shasta Division first-class schedules and train orders referrring to such schedules apply at the west switch of the passenger siding. Portland Division first-class schedules and train orders referring to such schedules apply at the east switch of the passenger siding. The main track at Crescent Lake between the east and west switches of the passenger siding may be used by any first-class train if track is known to be clear. Passenger siding is track between main track and station building.

ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE PASSENGERS

Train	At	Receive or Discharge	Passengers to (or beyond)	Passengers from (or beyond)
18	Oakridge	Discharge		Berkeley
19	Cruzatte and Fields	Sunday Tuesday Thursday		
19	Wicopee Frazier and Abernethy	Monday Wednesday Friday		
20	McCredie Springs	Receive or discharge	Eugene	Crescent Lake
20	Lowell Springfield	Receive or discharge	Eugene	Gerber
20	Westfir	Receive or discharge	Eugene	Klamath Falls
20	Abernethy Cruzatte Wicopee	Receive Sunday		
16	Cascade Summit and Westfir	Receive or Discharge	Eugene	Klamath Falls
16	Fields and Wicopee	Receive Sunday		

EASTWARD			Time Table No. 137 February 15, 1943 Wendling Branch	WESTWARD
Capacity of Sidings in Car Lengths		Distance from San Francisco	STATIONS	Distance from Wendling
P		646.6	R **MOHAWK JCT.** E. 3.0 — W. 3.0	15.7
(Spur 5)		649.3	**HENDRICKS** E. 9.3 — W. 9.8	13.0
37 WP		658.6	TO **MARCOLA** E. 1.1 — W. 0.6	3.7
43 P		659.7	**HYLAND** E. 2.2 — W. 2.6	2.6
Yard Limits KYP		662.3	TO-R **WENDLING**	0.0
			(15.7)	
			............Time over District............ ....Average Speed per Hour........	

EASTWARD MEDFORD SUBDIVISION WESTWARD

Capacity of Sidings in car lengths	SECOND CLASS		FIRST CLASS		Distance from San Francisco via Siskiyou Line			Time Table No. 137 February 15, 1943	Distance from Roseburg	FIRST CLASS		SECOND CLASS	
	738	736		330						329		735	737
	Freight	Freight		Rogue River						Rogue River		Freight	Freight
	Leave Daily	Leave Daily		Leave Daily				STATIONS		Arrive Daily		Arrive Daily	Arrive Daily
Ashland Yd. BKWOTP	8.00 AM			6.30 PM	429.1		TO-R	ASHLAND E. 5.7 — W. 5.4	143.5	s 9.25 AM			12.01 PM
58 P	8.13			s 6.40	434.6			TALENT E. 2.4 — W. 2.0	138.0	s 9.15			11.45 AM
18	8.20			f 6.45	437.0			PHOENIX E. 1.6 — W. 1.3	135.6	f 9.07			11.30
					438.4			GAS WORKS E. 0.4 — W. 0.5	134.2				
					438.8			VOORHIES E. 1.6 — W. 2.2	133.8				
Yard Limits 93					440.7			KANE E. 1.0 — W. 1.0	131.9				
60 KWYP	8.55			s 7.15	441.8		TO	MEDFORD E. 4.0 — W. 4.0	130.8	s 8.55			11.15
60 P	9.20			s 7.25	445.7			CENTRAL POINT E. 2.3 — W. 1.6	126.9	s 8.25			10.35
					447.7			SEVEN OAKS E. 2.4 — W. 2.7	124.9				
24 P	9.31			7.31	450.2			TOLO E. 6.9 — W. 7.1	122.4	8.18			10.20
38 Yard Limits WP	10.00			s 7.45	457.2		TO	GOLD HILL E. 7.6 — W. 7.6	115.4	s 8.04			10.00
50 P	10.20			f 7.55	464.9			ROGUE RIVER E. 8.8 — W. 8.9	107.7	s 7.49			9.25
Yard Limits 63 BKWTP	10.40 AM	5.00 AM		s 8.15	473.9		TO-R	GRANTS PASS E. 4.7 — W. 4.8	98.7	s 7.34		11.00 AM	9.00 AM
69 P		5.10		8.24	478.2			DIMMICK E. 4.0 — W. 3.8	94.4	7.13		10.40	
35 P		5.20		f 8.35	482.5			MERLIN E. 5.2 — W. 5.7	90.1	s 7.04		10.20	
84 P		5.30		f 8.43	487.4			HUGO E. 6.7 — W. 6.4	85.2	s 6.51		10.05	
65 P		5.50		f 8.58	494.1	A. B. S.		LELAND E. 4.3 — W. 4.2	78.5	s 6.41		9.40	
60 P		6.00		9.08	498.6			POLLARD E. 3.6 — W. 3.8	74.0	6.30		9.25	
68 P		6.24		f 9.15	502.0			WOLF CREEK E. 5.7 — W. 5.5	70.6	s 6.24		9.10	
Yard Limits 60 KWOTP		6.53		s 9.30	507.9		TO	GLENDALE E. 3.7 — W. 3.9	64.7	s 6.10		8.45	
70 P		7.07		9.38	512.0			REUBEN E. 5.0 — W. 4.8	60.6	5.56		8.20	
58 P		7.20		f 9.49	516.5			BRANDT E. 1.6 — W. 1.0	56.1	f 5.45		8.05	
				f 9.52	517.9			LANGDON E. 3.6 — W. 4.4	54.7	f 5.42			
74 WTP		7.48		f 10.02	521.7			WEST FORK E. 4.1 — W. 4.7	50.9	f 5.33		7.48	
36 P		8.10		10.12	525.6			COW CREEK E. 5.6 — W. 4.7	47.0	5.22		7.35	
43 P		8.30		f 10 27	531.4			PECK E. 4.0 — W. 4.1	41.2	f 5.07		7.15	
62 P		8.45		f 10.36	535.5			BYERS E. 8.6 — W. 8.6	37.1	f 4.56		7.02	
57 P		9.10		s 10.56	544.2			RIDDLE E. 5.6 — W. 5.6	28.4	s 4.38		6.39	
62 P		9.25		11.07	549.3			WEAVER E. 0.8 — W. 0.4	23.3	4.27			
15 WP		9.30		s 11.10	550.4		TO	MYRTLE CREEK E. 3.9 — W. 4.6	22.2	s 4.25		6.21	
86 P		9.45		11.20	554.9			DOLE E. 7.4 — W. 7.2	17.7	f 4.13		6.07	
59 P		10 05		f 11.33	562.0			DILLARD E. 6.1 — W. 5.9	10.6	s 4.00		5.45	
41 P		10.20		11.43	567.7			GREEN E. 4.1 — W. 4.3	4.9	3.47		5.20	
Roseburg Yd. 65 BKWOTP		10.35 AM		s 11.54 PM	572.6		TO-R	ROSEBURG	0.0	3.35 AM		5.00 AM	
	Arrive Daily	Arrive Daily		Arrive Daily				(143.5)		Leave Daily		Leave Daily	Leave Daily
	(2.40) 16.80	(5.35) 17.71		(5.24) 26.58				Time over District Average Speed per Hour		(5.50) 24.60		(6.00) 16.45	(3.01) 14.85

RULES 5 and 105. At Ashland Shasta Division first-class schedules and train orders referring to such schedules apply at the west switch of siding. Portland Division first-class schedules and train orders referring to such schedules apply at the east switch of siding. The main track at Ashland between the east and west switches of the siding may be used by any first-class train if track is known to be clear. Siding is first track to right of main track going east and extends from switch opposite 7th Street 262 feet east of section house to switch 150 feet east of freight house.

No. 330 stop at any station to discharge parcel post.

RULE 5. Schedule time and train orders of westward first-class trains Roseburg apply at west switch No. 5 track.
RULE 5. Schedule time and train orders of eastward first-class trains Roseburg apply at east switch No. 5 track.
RULE 105. Roseburg—No. 5 track is first track opposite main track in vicinity of station.

Water Supply—M. P. 536-2

Additional Stations		
	Rosenberg Bros.	M. P. 439.6—8 cars (spur)
	Rock Point	M. P. 459.4—4 cars
	Shady	M. P. 569.4—17 cars (Spur)

EASTWARD BROOKLYN SUBDIVISION WESTWARD

Capacity of Sidings in car lengths	SECOND CLASS	FIRST CLASS		Distance from San Francisco via Siskiyou Line			Time Table No. 137 February 15, 1943	Distance from Springfield Jct.	FIRST CLASS		SECOND CLASS
	734		330						329		733
	Freight		Rogue River						Rogue River		Freight
	Leave Daily		Leave Daily				STATIONS		Arrive Daily		Arrive Daily
Roseburg Yd. 65 BKWOTP	7.00 AM		12.05 AM	572.6		TO-R	ROSEBURG E. 6.1 — W. 5.4	71.7	s 3.20 AM		12.20 PM
			f	577.8			WINCHESTER E. 3.4 — W. 4.1	66.5	f 3.10		
57 P	7.25		f 12.23	581.4			WILBUR E. 2.7 — W. 2.0	62.9	f 2.58		11.55 AM
				583.9			DEADY E. 2.5 — W. 3.2	60.4			
56 P	7.40		f 12.32	586.4			SUTHERLIN E. 2.5 — W. 2.4	57.9	f 2.50		11.40
58 WP	7.54		f 12.40	589.1		TO	OAKLAND E. 6.3 — W. 6.1	55.2	f 2.43		11.30
40 P			f	595.4			ISADORA E. 1.8 — W. 2.1	48.9	f		
56 P	8.20		12.57	597.5			RICE HILL E. 6.5 — W. 6.5	46.8	2.21		11.05
64 P	8.45		f 1.10	603.7			YONCALLA E. 5.2 — W. 5.3	40.6	f 2.06		10.50
69 Yard Limits WP	9.15		f 1.24	609.0		TO	DRAIN E. 1.5 — W. 0.7	35.3	s 1.53		10.35
(Spur 13)				610.2			KREWSON E. 1.3 — W. 1.7	34.1			
32	9.25		f 1.30	611.7			LEONA E. 1.4 — W. 1.6	32.6	f		
60 P	9.45		1.35	613.2	A. B. S.		SAFLEY E. 2.1 — W. 1.6	31.1	1.35		9.45
			f	615.2			ANLAUF E. 1.0 — W. 1.1	29.1	f		
12			f	616.1			CURTIN E. 1.5 — W. 1.8	28.2	f		
42 P	10.15		f 1.52	617.9			COMSTOCK E. 4.2 — W. 4.3	26.4	f 1.26		9.25
82 YP	10.45		f 2.02	621.9			DIVIDE E. 2.5 — W. 2.0	22.4	f 1.15		9.15
Yard Limits 7				624.3			MONETT E. 0.5 — W. 0.9	20.0			
39			f	625.0			LATHAM E. 1.5 — W. 1.6	19.3	f		
45 WP	11.15		s 2.20	626.5		TO	COTTAGE GROVE E. 2.9 — W. 2.3	17.8	s 1.05		8.50
(Spur 22)			f	629.1			SAGINAW E. 1.6 — W. 2.2	15.2	f		
65 P	11.40 AM		f 2.29	630.6			WALKER E. 4.4 — W. 4.4	13.7	f 12.40		8.35
60 P	12.01 PM		f 2.38	635.5			CRESWELL E. 5.2 — W. 5.3	8.8	f 12.32		8.20
65 P	12.30		f 2.47	640.9			GOSHEN E. 4.3 — W. 3.6	3.4	f 12.23		8.10
(Spur 28) YP	1.00 PM		2.55 AM	644.3		TO-R	SPRINGFIELD JCT.	0.0	12.15 AM		8.00 AM
	Arrive Daily		Arrive Daily				(71.7)		Leave Daily		Leave Daily
	(6.00) 11.95		(2.50) 25.06				Time over District Average Speed per Hour		(3.05) 23.25		(4.20) 16.55

Additional stations		
	Schuman Lumber Co.	M.P. 585.9 — 7 cars (spur)
	Daugherty Piling Co.	M.P. 585.8 — 9 cars
	Lane-Linn Logging Co.	M.P. 579 —16 cars

ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE PASSENGERS

Train	At	Receive or Discharge	Passengers to (or beyond)	Passengers from (or beyond)
329	Dad's Creek M. P. 529.5	Receive or discharge	Any Station	Any Station

MARSHFIELD SUBDIVISION

EASTWARD — WESTWARD

Time Table No. 137
February 15, 1943

Coos Bay Branch

Capacity of Sidings in car lengths	SECOND CLASS 752 Local Freight Leave Daily Ex. Sunday	FIRST CLASS 334 Coos Bay Leave Daily	Distance from San Francisco		STATIONS	Distance from Marshfield	FIRST CLASS 333 Coos Bay Arrive Daily	SECOND CLASS 751 Local Freight Arrive Daily Ex. Monday
Eugene yard 30 BK WP		1.00 AM	647.3	TO-R	**EUGENE** E. 1.4 — W. 0.9	121.6	s 12.01 AM	
53 BKW OYTP	6.30 AM		648.3	TO-R	**EUGENE YARD** E. 0.8 — W. 0.2	120.6		2.45 PM
			649.3		**O. E. CROSSING** E. 2.0 — W. 2.7	119.6	11.51 PM	
54	6.42	1.09	651.6		**DANEBO** E. 9.0 — W. 8.7	117.3	11.45	2.35
43 P	7.08	s 1.20	660.5	TO	**VENETA** E. 1.8 — W. 1.5	108.4	s 11.27	2.05
		f	662.1		**LONG TOM** E. 3.0 — W. 3.2	106.8	f	
27 WP	7.20	s 1.30	665.3		**NOTI** E. 3.2 — W. 2.9	103.6	s 11.16	1.55
		f 1.38	668.3		**VAUGHN** E. 3.1 — W. 3.4	100.6	f 11.09	
17	7.40	f 1.45	671.5		**FLAGG** E 4.4 — W. 4.4	97.4	f	1.35
27 P	7.55	s 1.55	675.9		**WALTON** E. 0.8 — W. 0.7	93.0	s 10.52	1.25
		f	676.6		**SHANNON** E. 2.1 — W. 2.1	92.3	f	
PW		f	679.0		**GLOBE** E. 3.0 — W. 3.0	89.9	f	
		f	682.1		**AUSTA** E. 2.3 — W. 2.1	86.8	f	
		s	684.0		**LINSLAW** E. 0.7 — W. 1.3	84.9	s	
56 P	8.15	f 2.17	685.0		**RICHARDSON** E. 8.9 — W. 8.8	83.9	f 10.32	12.55
43 WP	8.40	f 2.40	693.8		**NEKOMA** E. 3.3 — W. 3.4	75.1	f 10.14	12.30
56 TP	8.55	s 2.50	697.1	TO	**SWISSHOME** E. 0.9 — W. 0.7	71.8	s 10.06	12.15 PM
11		f	697.8		**SIUSLAW** E. 2.7 — W. 2.5	71.1	f 10.02	
11		f 2.58	700.6		**RAINROCK** E. 4.6 — W. 4.9	68.3	f 9.58	
53 P	9.55	s 3.10	705.3	TO	**MAPLETON** E. 5.2 — W. 4.7	63.6	s 9.49	11.45 AM
		s	710.3		**BECK** E. 4.4 — W. 5.0	58.6	s 9.36	
56 WP	**11.00**	f 3.32	715.0		**WENDSON** E. 1.5 — W. 1.4	53.9	f 9.26	**11.00**
P	11.10	s 3.47	716.3	TO	**CUSHMAN** E. 1.5 — W. 1.3	52.6	s 9.22	10.45
18	11.20	f 4.00	718.0		**SIBOCO** E. 3.5 — W. 3.2	50.7	f 9.14	10.35
(Spur 17) P		f 4.10	721.3		**CANARY** E. 3.7 — W. 3.9	47.6	f 9.05	
12 P	11.55 AM	s 4.20	725.0		**SILTCOOS** E. 2.3 — W. 2.1	43.9	s 8.55	10.05
(Spur 11)	12.10 PM	s 4.30	727.2		**ADA** E. 0.8 — W. 1.2	41.7	s 8.49	9.55
37 P	12.20	s 4.35	728.3		**BOOTH** E. 4.4 — W. 4.4	39.6	s 8.47	9.45
40 P	12.45	f 4.47	732.8		**KROLL** E. 2.6 — W. 2.4	36.1	f 8.36	9.30
13	1.00	f 4.55	735.1		**BRENHAM** E. 3.5 — W. 3.7	33.8	f 8.30	9.20
39 P	1.30	s 5.05	738.8		**GARDINER** E. 1.5 — W. 1.7	30.1	s 8.22	9.05
Yard Limits 49 BKWPT	2.30	s 5.20	740.4	TO-R	**REEDSPORT** E. 5.1 — W. 4.9	28.5	s 8.15	8.50
27	2.45	f 5.30	745.2		**THARP** E. 2.9 — W. 2.5	23.7	f 7.59	8.35
		f	748.0		**WILLARD** E. 3.0 — W. 3.0	20.9	f	
		f	751.0		**NORTH LAKE** E. 0.7 — W. 1.3	17.9	s	
52 WP	3.10	s 5.55	752.1		**LAKESIDE** E. 7.5 — W. 7.1	16.8	s 7.42	8.08
11 P	3.30	s 6.10	759.3		**HAUSER** E. 2.6 — W. 2.4	9.6	s 7.28	7.35
		f	761.8		**ROGERS** E. 0.8 — W. 1.5	7.1	f	
56	3.40	f 6.20	763.0		**COOS** E. 2.4 — W. 2.3	5.9	f 7.21	7.25
Marshfield yard 50 P	3.55	s 6.35	765.6		**NORTH BEND** E. 3.7 — W. 3.4	3.3	s 7.12	7.15
32 BK WOYP	4.10 PM	s **7.00** AM	768.9	TO-R	**MARSHFIELD**	0.0	7.00 PM	**7.00** AM
	Arrive Daily Ex. Sunday	Arrive Daily			(121.6)		Leave Daily	Leave Daily Ex. Monday
	(9.40) 12.48	(6.00) 20.27			……Time over District…… ……Average Speed per Hour……		(5.01) 24.24	(7.45) 15.69

EASTWARD — WESTWARD

Time Table No. 137
February 15, 1943

Coos Bay Branch

Capacity of Sidings in car lengths	Distance from San Francisco		STATIONS	Distance from Powers
Marshfield yard 32 BK WOYP	768.9	TO-R	**MARSHFIELD** E. 1.6 — W. 2.0	44.6
59 P	770.5		**McCORMAC** E. 0.9 — W. 0.3	43.0
	771.3		**CLEO** E. 1.9 — W. 1.9	42.2
	773.1		**HAYDEN** E. 5.0 — W. 5.4	40.4
50 Yd. Lmt. P	778.5		**OVERLAND** E. 6.3 — W. 6.1	35.0
Yard Limits 23 P	784.5		**CEDAR POINT** E. 0.5 — W. 1.0	29.0
	785.0		**FAIRVIEW JUNCTION** E. 0.0 — W. 0.0	28.5
94 BKP	785.8	TO-R	**COQUILLE** E. 3.7 — W. 2.9	27.7
	788.6		**JOHNSON** E. 2.7 — W. 3.1	24.9
38 P	791.8		**NORWAY** E. 3.5 — W. 3.6	21.7
44 Yd Lmt WTP	794.7	TO	**MYRTLE POINT** E. 4.9 — W. 4.4	18.8
(Spur 7)	799.7		**BROADBENT** E. 2.4 — W. 2.9	13.8
40 Yard Limits P	802.1		**WARNER** E. 5.3 — W. 5.3	11.4
38 Yard Limits P	807.6		**GAYLORD** E. 1.4 — W. 0.9	5.9
(Spur 16)	808.8		**BYERLE** E. 1.5 — W. 1.5	4.7
	810.3		**FENSLER** E. 2.2 — W. 2.8	3.2
Yard Limits 56 BKWTP	813.5	TO-R	**POWERS**	0.0
			(44.6)	
			……Time over District…… ……Average Speed per Hour……	

Water Supply MP 780.8

ADDITIONAL FLAG STOPS

Train	At	
All		M. P. 688.1
All	School	M. P. 744.2
All	Ivy	M. P. 747.1

EASTWARD — WESTWARD

Time Table No. 137
February 15, 1943
Tallman Branch

Capacity of Sidings in Car Lengths	SECOND CLASS 732 Local Freight Leave Daily Ex. Sunday	Distance from San Francisco		STATIONS	Distance from Tallman	SECOND CLASS 731 Local Freight Arrive Daily Ex. Sunday
Albany yard BKW OTYP	6.25 AM	690.9	TO-R	ALBANY E. 0.0 — W. 0.0	8.8	10.45 AM
P 86	6.29	689.9 689.5		PAGE E. 1.9 — W. 1.9	7.8	10.40
(Spur 7)	6.33	691.5		FROMAN E. 2.1 — W. 2.1	5.8	10.33
(Spur 7)	6.38	693.7		FRY E. 1.8 — W. 1.8	3.6	10.26
(Spur 10)	6.42	695.4		GOLTRA E. 1.8 — W. 1.9	1.9	10.21
Yard Limits 9 YP	6.48 AM	697.3	R	TALLMAN	0.0	10.15 AM
	Arrive Daily Ex. Sunday			(8.8)		Leave Daily Ex. Sunday
	(0.23) 22.96			.... Time over District .... Average Speed per Hour....		(0.30) 17.60

EASTWARD — WESTWARD

Time Table No. 137
February 15, 1943
Woodburn-Springfield Branch

Capacity of Sidings in Car Lengths	SECOND CLASS 732 Local Freight Leave Daily Ex. Sunday	Distance from San Francisco		STATIONS	Distance from Woodburn	SECOND CLASS 731 Local Freight Arrive Daily Ex. Sunday
Yard Limits 96 WYP		645.0	TO-R	SPRINGFIELD E. 4.0 — W. 4.0	92.8	
(Spur 9)		648.9		ARMITAGE E. 3.5 — W. 3.7	88.9	
11		652.4		COBURG E. 7.9 — W. 7.7	85.4	
(Spur 8) P		660.3		PRICEBORO E. 3.3 ▬ W. 3.4	77.5	
9 P		663.6		ROWLAND E. 8.3 — W. 8.3	74.2	
5 PW		672.0	TO	BROWNSVILLE E. 6.3 — W. 6.4	65.8	
10		678.3		PLAINVIEW E. 6.6 ▬ W. 6.5	59.5	
Yard Limits 9 YP	6.50 AM	684.8	R	TALLMAN E. 0.6 — W. 0.7	53.0	10.10 AM
8		685.5		IRVINVILLE E. 1.9 — W. 2.5	52.3	
Yard Limits 72 KWP	7.15	688.5	TO-R	LEBANON E. 5.5 ▬ W. 4.9	49.3	9.15
13	7.30	692.8		BREWSTER E. 1.0 — W. 1.6	45.0	9.05
35	7.40	694.2		GRIGGS E. 3.5 — W. 2.9	43.6	9.00
8 P	7.50	697.4		CRABTREE E. 3.3 — W. 3.2	40.4	8.50
3		700.6		GILKEY E. 2.0 — W. 2.3	37.2	
26 P	8.10	702.9	TO	WEST SCIO E. 2.1 ▬ W. 1.7	34.9	8.30
Yard Limits WYP	8.25 AM	704.7	R	SHELBURN E. 2.1 — W. 2.3	33.1	8.25 AM
12		706.9		NORTH SANTIAM E. 1.4 — W. 1.4	30.9	
8		708.3		WEST STAYTON E. 3.9 — W. 3.8	29.5	
5 W		712.1		AUMSVILLE E. 2.8 — W. 3.0	25.7	
24		715.0		SHAW E. 2.4 — W. 2.3	22.8	
25		717.4		MACLEAY E. 1.8 ▬ W. 1.9	20.4	
19 YP		719.4	R	GEER E. 2.2 — W. 2.6	18.4	
61		721.3		PRATUM E. 5.9 ▬ W. 5.4	16.5	
Yard Limits 46 KWYP		727.3	TO-R	SILVERTON E. 4.1 — W. 4.2	10.5	
19 P		731.5	TO	MT. ANGEL E. 6.5 — W. 6.2	6.3	
Yard Limits 117 WYP		737.8	TO-R	WOODBURN	0.0	
	Arrive Daily Ex. Sunday			(92.8)		Leave Daily Ex. Sunday
	(1.35) 11.51			.... Time over District .... Average Speed per Hour		(1.45) 11.37

EASTWARD — WESTWARD

Time Table No. 137
February 15, 1943
Mill City Branch

Capacity of Sidings in Car Lengths	SECOND CLASS 732 Local Freight Leave Daily Ex. Sunday	Distance from San Francisco		STATIONS	Distance from Idanha	SECOND CLASS 731 Local Freight Arrive Daily Ex. Sunday
Yard Limits WYP	8.25 AM	705.0	R	SHELBURN E. 5.9 — W. 5.9	45.0	8.25 AM
9 P	8.50	710.9		KINGSTON E. 8.4 ▬ W. 8.5	39.1	8.00
18 WP	9.20	719.3	TO	LYONS E. 0.9 — W. 0.7	30.7	7.30
(Spur 8) P		720.2		FAWN E. 2.3 — W. 2.4	29.8	
10	9.35	722.5		FOX VALLEY E. 4.1 — W. 4.3	27.5	7.15
Yard Limits 20 BKWYP	9.55 AM	726.6	TO-R	MILL CITY E. 2.8 — W. 2.7	23.4	6.55 AM
18 P		729.5		GATES E. 6.2 — W. 6.2	20.5	
20		735.7		LAKEWOOD E. 4.5 — W. 4.5	14.3	
5		740.1		GRANITE MOUNTAIN E. 0.5 — W. 0.5	9.9	
7		740.8		HALLS E. 0.6 — W. 0.7	9.2	
30		741.4		ELK RIVER E. 4.5 — W. 4.5	8.6	
Yard Limits 24 WPT		745.9	R	DETROIT E. 0.8 — W. 0.7	4.1	
11		746.6		LARSON E. 1.5 — W. 1.5	3.4	
11		748.2		GREYSTONE E. 0.8 — W. 0.6	1.8	
(Spur 4)		748.8		BIRCHWOOD E. 1.0 — W. 1.4	1.2	
24		750.0		IDANHA	0.0	
	Arrive Daily Ex. Sunday			(45.0)		Leave Daily Ex. Sunday
	(1.30) 14.40			.... Time over District .... Average Speed per Hour....		(1.30) 14.40

EASTWARD — WESTWARD

Time Table No. 137
February 15, 1943
Geer Branch

Capacity of Sidings in Car Lengths		Distance from San Francisco		STATIONS	Distance from Geer	
Salem yard BKWOYP		725.9	TO-R	SALEM E. 6.4 — W. 6.4	6.5	
YP		719.4	R	GEER	0.0	
				(6.5)		
				.... Time over District .... Average Speed per Hour....		

Water Supply—M.P. 738.9 Mill City Branch

Woodburn-Springfield Branch:

Additional Stations
Chestnut........................M.P. 650.5— 4 cars (spur)
Whitaker........................M.P. 691.6—35 cars

Mill City Branch:

Cascade Operating Co.........M.P. 729.9—15 cars
Cumley..............................M.P. 735.1—26 cars
Ritner Logging Co...............M.P. 741.0—18 cars

EASTWARD — WESTWARD

Time Table No. 137
February 15, 1943
Toledo Branch

Capacity of Sidings in Car Lengths	SECOND CLASS	SECOND CLASS 706 Local Freight Leave Daily Ex. Sunday	Distance from San Francisco		STATIONS	Distance from Toledo	SECOND CLASS 705 Local Freight Arrive Daily Ex. Sunday	SECOND CLASS
Albany Yard BKWOYPT		6.00 AM	690.9	TO-R	ALBANY E. 1.2 — W. 1.2	74.7	2.10 PM	
			692.6		NORTH ALBANY E. 4.4 — W. 4.7	73.0		
22		6.23	697.1		GRANGER E. 5.2 — W. 4.9	68.5	1.45	
Corvallis yard YP		6.40	702.1	R	CORVALLIS JCT. E. 1.4 — W. 1.7	63.5	1.25	
BKWOYP		7.00	703.1	TO-R* ■	CORVALLIS E. 5.1 ▬ W. 5.1	62.5	1.10	
16 WP		7.20	708.5		PHILOMATH E. 0.9 — W. 0.7	57.1	12.30 PM	
P			709.4		FLYNN E. 6.4 — W. 6.5	56.2		
13 P		7.50	715.9		WRENS E. 1.5 — W. 1.3	49.7	11.55 AM	
			717.2		RUSSELL E. 1.0 ▬ W. 1.1	48.4		
7			718.4		HARRIS E. 4.9 — W. 5.0	47.2		
10 P		8.30	723.2		BLODGETT E. 2.9 — W. 2.8	42.4	11.25	
7			726.0		DEVITT E. 2.3 — W. 2.6	39.6		
30 P		10.05	728.5		SUMMIT E. 5.3 — W. 5.2	37.1	10.05	
26 TWP		10.30	733.7		NASHVILLE E. 5.1 — W. 5.2	31.9	9.40	
P		10.50	738.9		NORTONS E. 6.2 ▬ W. 6.2	26.7	9.20	
34 P		11.15	745.2		EDDYVILLE E. 5.7 — W. 5.4	20.4	9.00	
8 P		11.35 AM	750.6		CHITWOOD E. 5.9 — W. 5.8	15.0	8.40	
		12.05 PM	756.5		ELK CITY E. 9.0 — W. 9.2	9.1	8.15	
Yard Limits 23 BKPOTW		12.45 PM	765.6	TO-R	TOLEDO	0.0	7.45 AM	
		Arrive Daily Ex. Sunday			(74.7)		Leave Daily Ex. Sunday	
		(6.45) 11.06			.... Time over District .... Average Speed per Hour		(6.25) 11.64	

Water Supply—M.P. 722.0. Toledo Branch.
M.P. 750.2. " "

Additional Station: Marval....M.P. 727.3—3 cars
Toledo Branch—End of Line—M.P. 766.7.

EASTWARD — WESTWARD

Time Table No. 137
February 15, 1943
Falls City Branch

Capacity of Sidings in Car Lengths	SECOND CLASS	SECOND CLASS 726 Local Freight Leave Daily Ex. Sunday	Distance from San Francisco		STATIONS	Distance from Black Rock	SECOND CLASS 725 Local Freight Arrive Daily Ex. Sunday
Salem yard BKWOYP		5.50 AM	718.2	TO-R	SALEM E. 0.8 — W. 0.8	28.6	12.15 PM
			719.7		O. E. CROSSING E. 0.4 — W. 0.6	27.1	
11			720.2		PINCKNEY E. 0.2 — W. 0.2	26.6	
9 P		6.05	720.6		WEST SALEM E. 2.0 — W. 2.2	26.2	11.48 AM
31 Yard Limits P		6.12	722.6		WINONA E. 1.4 — W. 1.2	24.2	11.40
16 P		6.16	723.9		EOLA E. 4.6 ▬ W. 4.8	22.9	11.36
Yard Limits 30		6.30	728.5		THIELSEN E. 0.6 — W. 0.2	18.3	11.20
YP		6.32	728.9	TO-R	GERLINGER E. 5.2 ▬ W. 5.7 —(W.S.Csg.)	17.9	11.18
49 Yard Limits BKWOYP		6.50 AM	733.9	TO-R	DALLAS E. 4.5 — W. 4.2	12.9	11.00 AM
10			738.8		GILLIAMS E. 0.6 ▬ W. 0.4	8.0	
P			739.2		FERNS E. 1.3 — W. 1.5	7.6	
YP			740.5		BUMAN E. 2.4 — W. 2.4	6.3	
11 P			743.0		FALLS CITY E. 3.8 ▬ W. 3.8	3.8	
18 Yard Limits WYP			746.8	TO-R	BLACK ROCK	0.0	
		Arrive Daily Ex. Sunday			(28.6)		Leave Daily Ex. Sunday
		(1.00) 15.70			.... Time over District .... Average Speed per Hour		(1.15) 12.56

Falls City Branch: Additional Stations—Buman Quarry 2.97 miles from Buman....... 6 cars (spur)

BROOKLYN SUBDIVISION

EASTWARD / **WESTWARD**

Capacity of Sidings in Car Lengths		Distance from San Francisco		Time Table No. 137 February 15, 1943 West Side Branch STATIONS	Distance from Hillsboro	
(Spur 11) P		662.6		**CHESHIRE**	102.2	
				E. 1.8 — W. 2.0		
(Spur 15) P		664.5		**BEAR CREEK**	100.3	
				E. 2.5 — W. 2.5		
(Spur 9) P		666.9		**FERGUSON**	97.9	
				E. 4.7 — W. 4.7		
15 Yard Limits P		671.7	TO-R	**MONROE**	93.1	
				E. 1.3 — W. 1.4		
22 Yard Limits PYW		673.0	R	**ALPINE JCT.**	91.8	
				E. 8.4 — W. 8.4		
27		681.3		**GREENBERRY**	83.5	
				E. 3.2 — W. 3.3		
27		684.6		**DRY CREEK**	80.2	
				E. 1.7 — W. 2.5		
Corvallis yd 52		686.9		**BURGESS**	77.9	
				E. 2.1 — W. 1.2		
BKWOYP		688.9	TO-R	**CORVALLIS**	75.9	
				E. 1.6 — W. 1.3		
YP		689.9	R	**CORVALLIS JCT.**	74.9	
				E. 2.6 — W. 2.6		
		692.5		**LEWISBURG**	72.3	
				E. 6.5 — W. 6.8		
Yard Limits 63 YP		699.0 698.7	TO	**WELLSDALE**	65.8	
				E. 3.2 — W. 3.1		
18		702.0		**SUVER**	62.5	
				E. 2.0 — W. 2.0		
16 P		704.0		**PARKER**	60.5	
				E. 3.1 — W. 2.9		
		707.0		**WIGRICH JCT.**	57.5	
				E. 2.2 — W. 2.4		
Yard Limits 10 WP		709.3	TO	**INDEPENDENCE**	55.2	
				E. 1.0 — W. 1.4		
46 P		710.5		**V. & S. JCT.**	54.0	
				E. 4.1 — W. 3.5		
Yard Limits YP		714.3	TO-R	**GERLINGER**	50.2	
				E. 0.6 — W. 0.9 — (F. C. Csg.)		
15 WP		715.0		**DERRY**	49.5	
				E. 3.6 — W. 3.3		
(Spur 5) P		718.4		**CROWLEY**	46.1	
				E. 4.2 — W. 4.4		
17 P		722.8		**McCOY**	41.7	
				E. 5.3 — W. 5.4		
22 P		728.1		**AMITY**	36.4	
				E. 2.5 — W. 2.4		
33 Yard Limits YP		730.7	R	**WHITESON**	33.8	
				E. 4.5 — W. 4.6		
Yard Limits 25 KWOP		734.9	TO-R	**McMINNVILLE**	29.6	
				E. 3.0 — W. 2.9		
15 Yard Limits YP		738.0	R	**ST. JOSEPH**	26.5	
				E. 4.1 — W. 4.8		
80 Yard Limits KWP		742.2	TO	**CARLTON**	22.3	
				E. 3.3 — W. 2.7		
13 P		745.6		**YAMHILL**	18.9	
				E. 5.2 — W. 5.0		
9		750.7		**WAPATO**	13.8	
				E. 1.6 — W. 1.8		
9		752.3		**DELLWOOD**	12.2	
				E. 0.8 — W. 0.7		
10 WP		753.1		**GASTON**	11.4	
				E. 0.6 — W. 0.7		
28		753.8		**PATTON**	10.7	
				E. 1.4 — W. 1.1		
Yd Lmt (Spur 5) P		754.9		**SEGHERS**	9.6	
				E. 1.8 — W. 2.0		
16		756.9		**DILLEY**	7.6	
				E. 1.0 — W. 0.8		
Yard Limits P		757.8		**DETOUR**	6.7	
				E. 0.6 — W. 0.9		
20 P		758.5 759.2		**CARNATION**	6.0	
				E. 2.3 — W. 2.3		
21 P		761.7		**CORNELIUS**	3.5	
				E. 1.2 — W. 0.9		
		762.7		**KILLGORE**	2.5	
				E. 1.7 — W. 2.2		
Yard Limits P		764.7		**RANGE**	0.5	
				E. 0.5 — W. 0.3		
48 BK WOYP		765.2	TO-R	**HILLSBORO**	0.0	
				(101.9)		
				..............Time over District..............		
				........Average Speed per Hour........		

See page 7 for additional schedules between Corvallis and Corvallis Jct.

Additional Stations — West Side Branch:
Stimson Mill 2.41 miles from Seghers..13 cars
Wigrich 2.53 miles from Wigrich Jct... 5 cars (spur)
Forest Grove 1.2 miles from Detour...7 cars (Spur)

EASTWARD / **WESTWARD**

Capacity of Sidings in Car Lengths	SECOND CLASS 686 Local Freight Leave Daily Ex. Sunday	Distance from San Francisco		Time Table No. 137 February 15, 1943 West Side Branch STATIONS	Distance from Cook	SECOND CLASS 685 Local Freight Arrive Daily Ex. Sunday	
Yard Limits 48 BKWOYP	5.35 PM	765.2 766.2	TO-R	**HILLSBORO**	16.6	2.35 AM	
				E. 1.9 — W. 2.6			
P		767.8		**NEWTON**	15.0		
				E. 2.9 — W. 3.3			
28 P	5.50	770.9		**REEDVILLE**	11.9	2.15	
				E. 4.2 — W. 4.1			
36 Yard Limits P	6.10	775.4		**BEAVERTON**	7.4	2.01	
				E. 0.8 — W. 1.5			
92		776.0	* See Note	**BEBURG**	6.8		
				E. 1.9 — W. 0.9			
		777.6		**FANNO**	5.2	1.45	
				E. 1.5 — W. 1.5			
P		779.1		**GRETON**	3.6		
				E. 0.9 — W. 0.9			
(Spur 6)	6.25	779.9		**TIGARD**	2.9	1.30	
				E. 2.3 — W. 2.7			
33 Yd Lmt WYP	6.45 PM	782.8	R	**COOK**	0.0	1.25 AM	
	Arrive Daily Ex. Sunday			16.6		Leave Daily Ex. Sunday	
	(1.10) 14.23			..............Time over District.............. ....Average Speed per Hour.........		(1.10) 14.23	

*Joint track with O. E. Ry. between Beburg and Greton. See special instructions under Special Signals.

EASTWARD / **WESTWARD**

Capacity of Sidings in Car Lengths		Distance from San Francisco		Time Table No. 137 February 15, 1943 Bellfountain Branch STATIONS	Distance from Dawson	
Yard Limits		675.0	R	**BAILEY JCT.**	4.9	
				E. 2.0 — W. 2.0		
(Spur 5)		677.0		**BELLFOUNTAIN**	2.9	
				E. 2.8 — W. 2.8		
Yard Limits		679.9	R	**DAWSON**	0.0	
				(4.9)		
				..............Time over District.............. ....Average Speed per Hour.........		

EASTWARD / **WESTWARD**

Capacity of Sidings in Car Lengths		Distance from San Francisco		Time Table No. 137 February 15, 1943 Alpine Branch STATIONS	Distance from Glenbrook	
Yard Limits 22 PYW		673.0	R	**ALPINE JCT.**	5.8	
				E. 2.1 — W. 2.1		
		675.0	R	**BAILEY JCT.**	3.8	
				E. 1.1 — W. 1.3		
Yard Limits 9		676.2		**ALPINE**	2.6	
				E. 2.4 — W. 2.6		
29		678.8		**GLENBROOK**	0.0	
				(5.8)		
				..............Time over District.............. ....Average Speed per Hour.........		

EASTWARD / **WESTWARD**

Capacity of Sidings in Car Lengths		Distance from San Francisco		Time Table No. 137 February 15, 1943 Willamina Branch STATIONS	Distance from Willamina	
Yard Limits 33 YP		730.6	R	**WHITESON**	18.7	
				E. 3.6 — W. 3.8		
		734.3		**BRIEDWELL**	15.0	
				E. 0.8 — W. 0.6		
		735.1		**HARRISON**	14.2	
				E. 2.2 — W. 2.2		
(Spur 6)		737.2		**WINCH**	12.1	
				E. 0.5 — W. 0.5		
Yard Limits		737.7		**BROADMEAD**	11.6	
				E. 1.2 — W. 1.2		
(Spur 7)		738.9		**TUCKER**	10.4	
				E. 1.4 — W. 1.7		
12		740.5		**BALLSTON**	8.8	
				E. 4.3 — W. 4.2		
14		744.7	TO	**SHERIDAN**	4.6	
				E. 1.6 — W. 1.4		
		746.3		**SHIPLEY**	3.0	
				E. 2.4 — W. 2.9		
Yard Limits 9 BKWOT		749.3	TO-R	**WILLAMINA**	0.0	
				(18.7)		
				..............Time over District.............. ....Average Speed per Hour..........		

Additional Stations — Willamina Branch:
Shell Oil Co. M.P. 745.4— 2 cars (spur)
S. F. York Lbr. Co. M.P. 745.7— 4 cars (spur)

EASTWARD / **WESTWARD**

Capacity of Sidings in Car Lengths		Distance from San Francisco		Time Table No. 137 February 15, 1943 Perrydale Branch STATIONS	Distance from Perrydale	
Yard Limits		737.7		**BROADMEAD**	2.2	
				E. 2.1 — W. 2.2		
8		739.9		**PERRYDALE**	0.0	
				(2.2)		
				..............Time over District.............. ....Average Speed per Hour.........		

EASTWARD / **WESTWARD**

Capacity of Sidings in Car Lengths		Distance from San Francisco		Time Table No. 137 February 15, 1943 Molalla Branch STATIONS	Distance from Molalla	
118 Yd Lmt WYP		747.4	TO	**CANBY**	10.2	
				E. 7.1 — W. 7.1		
(Spur 6)		754.6		**LIBERAL**	3.0	
				E. 2.9 — W. 3.1		
16 Yard Limits		757.6		**MOLALLA**	0.0	
				(10.2)		
				.........Time over District.............. ....Average Speed per Hour.......		

BROOKLYN SUBDIVISION

EASTWARD — **WESTWARD**

Capacity of Sidings in Car Lengths	SECOND CLASS			Distance from San Francisco		Time Table No. 137 February 15, 1943 Tillamook Branch	Distance from Hillsboro	SECOND CLASS		
	686 Local Freight	688 Mixed	690 Local Freight					685 Local Freight	687 Mixed	689 Local Freight
	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday			STATIONS		Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday
Yard Limits 14 WOYP			12.15 AM	855.8	TO-R	TILLAMOOK E. 4.4 — W. 4.3	90.8			1.55 PM
(Spur 11)			12.30	851.6		IDAVILLE E. 1.7 — W. 1.5	86.6			1.34
			12.40	849.9		BAY CITY E. 3.4 — W. 3.7	84.9			1.15
Yard Limits 19			1.00	846.4		MIAMI E. 0.7 — W. 0.7	81.4			12.45
Yard Limits 19 P			1.10	845.7		GARIBALDI E. 1.8 — W. 1.7	80.7			12.40 PM
14				843.8		BARVIEW E. 2.2 — W. 2.0	78.8			
				841.8		TWIN ROCKS E. 1.1 — W. 1.1	76.8			
				840.7		ROCKAWAY E. 0.7 — W. 0.7	75.7			
				840.0		LAKE LYTLE E. 2.7 — W. 3.0	75.0			
24			1.55	837.1		JETTY E. 0.8 — W. 0.5	72.1			11.40 AM
				836.5		BRIGHTON E. 2.4 — W. 2.9	71.5			
Yard Limits 48 BK WOP		8.15 AM	2.20 AM	833.6	TO-R	WHEELER E. 0.9 — W. 0.4	68.6		10.30 AM	11.30 AM
				833.1		HALL ST. E. 2.0 — W. 2.2	68.1			
18 P		8.45		831.2		MOHLER E. 5.5 — W. 5.8	66.2		10.15	
55 P		9.30		825.1		BATTERSON E. 6.8 — W. 6.5	60.1		9.30	
15 P		10.00		818.9		WAKEFIELD E. 2.6 — W. 2.8	53.9		8.54	
31 Yard Limits TP		10.25		815.7		SALMONBERRY E. 3.1 — W. 2.9	50.7		8.25	
13				813.4		BELFORT E. 2.1 — W. 2.2	48.4			
32 Yd Lmt WTP		11.00		811.0	TO	ENRIGHT E. 4.0 — W. 3.9	46.0		8.00	
11 P		11.25		807.0		BELDING E. 1.9 — W. 2.2	42.0		7.40	
40 P		11.40 AM		805.1		MAYO E. 5.0 — W. 4.9	40.1		7.30	
40 Yd Lmt WOTP		12.15 PM		800.0	TO	COCHRAN E. 3.1 — W. 3.1	35.0		7.00	
P		12.35		796.8		WEDEBURG E. 3.0 — W. 2.6	31.8		6.20	
(Spur 9)				794.3		WESTIMBER E. 0.6 — W. 1.1	29.3			
Yard Limits 54 BKWOTP	3.00 PM	1.00 PM		793.1	TO-R	TIMBER E. 0.5 — W. 0.6	28.1	5.00 AM	6.00 AM	
Yard Limits (Spur 13) P				792.5		HULBERT E. 3.9 — W. 3.9	27.5			
75 P	3.20			788.5		STRASSEL E. 4.3 — W. 3.7	23.5	4.40		
(Spur 7)	3.35			784.9		SCOFIELD E. 3.3 — W. 3.6	19.9	4.25		
20 Yard Limits WYP	3.50			781.2		BUXTON E. 6.7 — W. 6.7	16.2	4.10		
31 P	4.15			774.7		BANKS E. 2.3 — W. 2.0	9.7	3.50		
(Spur 8)				772.5		ROY E. 2.1 — W. 2.4	7.5			
22	4.35			770.2		SCHEFFLIN E. 4.0 — W. 4.2	5.2			
Yard Limits 46 P				766.4		MAHAN E. 1.0 — W. 0.2	1.4	3.25		
Yard Limits 15 P				765.5		MAIN STREET E. 0.0 — W. 0.0	0.5			
Yard Limits				765.4		O. E. CROSSING E. 0.4 — W. 0.7	0.4			
Yard Limits BK WOYP	5.00 PM			765.0	TO-R	HILLSBORO	0.0	3.15 AM		
	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday			(90.8)		Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday
	(2.00) 14.05	(4.45) 8.53	(2.05) 11.45			..........Time over District.......... ....Average Speed per Hour..........		(1.45) 16.05	(4.30) 9.00	(2.25) 9.18

Water Supply—M.P. 818.5

ADDITIONAL STATIONS Tillamook Branch:

Badger..............................M.P. 823.7
Saltair..............................M.P. 841.2

EASTWARD — **WESTWARD**

Capacity of Sidings in Car Lengths	SECOND CLASS			Distance from San Francisco		Time Table No. 137 February 15, 1943 Newberg Branch	Distance from Jefferson St.	SECOND CLASS	
			686 Local Freight					685 Local Freight	
			Leave Daily Ex. Sunday			STATIONS		Arrive Daily Ex. Sunday	
15 Yard Limits YP				738.0	R	ST. JOSEPH E. 1.4 — W. 1.4	36.3		
(Spur 16) P				739.5		LAFAYETTE E. 2.7 — W. 2.7	34.8		
(Spur 13) P				742.1		DAYTON E. 3.8 — W. 4.1	32.2		
23 P				746.1		DUNDEE E. 2.9 — W. 2.9	28.2		
23 Yard Limits P				748.5 748.8	TO	NEWBERG E. 1.6 — W. 1.5	25.8		
17 WP				750.8		SPRINGBROOK E. 2.3 — W. 2.3	23.8		
17 P				753.0		REX E. 1.5 — W. 1.3	21.6		
(Spur 9) P				754.3		CHEHALEM E. 3.1 — W. 3.4	20.3		
29 P				757.6		SHERWOOD E. 2.1 — W. 1.9	17.0		
7				759.5		CIPOLE E. 2.1 — W. 2.0	15.1		
(Spur 17) P				762.0		TUALATIN E. 2.3 — W. 2.3	12.6		
Yard Limits 33 WYP			6.45 PM	764.0	R A.B.S	COOK E. 0.0 — W. 0.5	10.6	1.25 AM	
Yard Limits 42			6.50	764.5		BRYANT E. 3.1 — W. 3.3	10.1	1.20	
Yard Limits 62				767.4		LADD E. 0.7 — W. 0.3	7.2		
Yard Limits 23 WP			7.04	767.8	TO	OSWEGO E. 0.3 — W. 0.0	6.8	1.10	
Yard Limits P			7.05 PM	768.1		WILSONIA E. 1.5 — W. 1.5	6.5	12.54 AM	
				769.6		RIVERWOOD E. 1.8 — W. 2.0	5.0		
13				771.3		CEMETERY E. 1.2 — W. 1.0	3.3		
				772.6		JONES E. 0.5 — W. 0.5	2.0		
(Spur 12)				773.1		ZIMMERMAN E. 0.2 — W. 0.2	1.5		
				773.3		MULBOX E. 0.1 — W. 0.1	1.3		
(Spur 18)				773.4		THORSEN E. 1.2 — W. 1.2	1.2		
(Spur 11)				774.6		JEFFERSON ST.	0.0		
			Arrive Daily Ex. Sunday			(36.3)		Leave Daily Ex. Sunday	
			(0.20) 12.30			..........Time over District.......... ....Average Speed per Hour..........		(0.31) 7.94	

EASTWARD — **WESTWARD**

Capacity of Sidings in Car Lengths	SECOND CLASS			Distance from San Francisco	Time Table No. 137 February 15, 1943 Milwaukie Branch	Distance from Willsburg Jct.	SECOND CLASS	
			686 Local Freight				685 Local Freight	
			Leave Daily Ex. Sunday		STATIONS		Arrive Daily Ex. Sunday	
Yard Limits P			7.05 PM	768.1	WILSONIA E. 0.7 — W. 1.1	3.2	12.54 AM	
30 P			7.09	769.0	MENEFEE E. 1.3 — W. 1.0	2.3	12.48	
14			7.13	770.1	MILWAUKIE E. 1.2 — W. 1.1	1.2	12.45	
P			7.18 PM	771.3	WILLSBURG JCT.	0.0	12.41 AM	
			Arrive Daily Ex. Sunday		(3.2)		Leave Daily Ex. Sunday	
			(0.13) 14.77		..........Time over District.......... ....Average Speed per Hour..........		(0.13) 14.77	

ADDITIONAL STATIONS Milwaukie Branch:

Milwaukie Interchange........M.P. 769.6—32 cars

SPECIAL INSTRUCTIONS

RULE 2. Watch Inspectors:

S. A. Pope, Manager of Time Service, 65 Market St., San Francisco.

Ashland	C. R. Ramsey
Medford	Larry Schade
Grants Pass	Bert Barnes
Roseburg	Bubar Bros.
Eugene	J. A. Hoffman
Eugene	Seth Laraway
Albany	F. M. French & Son
Salem	Pomeroy & Keene
Woodburn	E. E. Piper
Silverton	Geo. W. Cain
Reedsport	Sol Davidson
Marshfield	J. H. Mills
Coquille	V. R. Wilson
Springfield	E. G. Privat
Hillsboro	F. Abendroth
McMinnville	Dielschneider Bros.
Toledo	C. W. Miller
Corvallis	Wm. Konick
Dallas	W. C. Retzer
Tillamook	M. J. McInerney
Portland, 316 S. W. Alder St.	Roy & Molin
E. Portland, Weatherly Bldg.	H. E. Anderson
E. Portland, 734 N. Killingsworth St.	Dillen Rogers
E. Portland, 7021 S. E. Milwaukie St.	Otto R. Sabro

RULE 10 (J). Mile Post location of slow boards which restrict the speed of trains, as indicated on slow board, while engine of such train is passing distant signal three-fourths mile beyond the slow board:

Eastward				Westward
		ASHLAND-SPRINGFIELD JCT.		
432.2	575.9			483.9
444.0	607.2			613.6
448.9	610.4			619.2
472.0	611.1			623.7
506.0	639.1			
		EUGENE YARD-PORTLAND		
745.5			746.6	749.1
		CRESCENT LAKE-EUGENE YARD		
589.6	603.6			530.4
594.2	608.4			
599.0				

RULE 14 (b). Salem: After stopping at railroad crossings, sound signal 14 (b) only when visibility is obscured.

RULE 14 (d). Springfield Jct.: To recall flagman from west on Siskiyou Line, give six long sounds of whistle.

RULE 14 (m). Salem and Hillsboro: Approaching railroad crossings sound signal 14 (m) only when visibility is obscured. Brooklyn: Eastward freight trains will not sound signal 14 (m).

RULE 17. Mars Signal Light on engines so equipped must not be used.

RULE S-72. Westward trains are superior to trains of the same class in the opposite direction except as noted on Page 4.

RULE 83 (A). At following stations only the trains indicated will register:

Eugene Yard: Eastward and westward trains terminating, register at Eugene Yard telegraph station.
Eugene: First-class trains.
Springfield, Springfield Jct. and Mohawk Jct., Tallman: Any train when instructed by train order.

Registration of Marshfield Subdivision trains originating or terminating at Eugene will be transmitted by telephone to operator at Eugene Yard, who must enter same on register and verify same by repeating registration.

Registration of trains terminating Oakridge and Timber may be transmitted by telephone to operator, who must enter same on register and verify same by repeating registration.

RULE 83 (B). At open train-order offices trains may register by ticket as follows:

Cook Nos. 685 and 686 will not register unless instructed by train order.
Corvallis Jct.: No. 705 when instructed by train order.
Crescent Lake: Nos. 18, 15, 17, 23 and 24.
Oakridge: First-class trains, eastward second and inferior class.
Tunnel: First-class trains, westward second and inferior class trains.
Burma: First-class trains, westward second and inferior class and extra trains.
Eugene Yard: No. 334 will register at telephone booth near east wye switch.
Albany: All trains.
Salem: All trains.
Brooklyn: First-class trains.

RULE 83 (C). Before using U. P. Ry. main track, East Portland, yard crews will secure register check at East Portland Tower on first-class trains as prescribed by U. P. Ry. Rule S-83. Yardmen must protect against overdue first-class trains as prescribed by U. P. Ry. Rule 93.

RULE S-90. Springfield. Sign reading "Fouling point 980 feet" placed near west end house track switch indicates distance to fouling point east end of siding.

RULE 92. Will not apply to movement of trains East Morrison St. to Portland.

RULE 93. Cars may be stored on east leg of wye Alpine Jct.; on main track Bailey Jct.; on main track east of Alpine; on Geer Branch main track Salem and west of water tank on West Side Branch Corvallis.

Eugene Yard: Yardmen must not line east switch for westward trains to enter yard until after train has been identified.

Herders must use green flag by day and green light by night to give signals for movement of trains and engines entering or leaving yard tracks at Brooklyn, Salem, Albany and Eugene Yard.

Eugene: Westward first-class trains approach Signal 6477 and Eastward first-class trains approach Signal 6470 prepared to head in on siding if signal received from yardman.

Yard limits in which the provisions of Rule 93 will apply are established at the following points:

West MP		East MP
645.71	Eugene	651.28
	" (Coos Bay Br.)	650.76
689.67	Albany	691.73
	" (Toledo Br.)	692.43
703.21	Marion	705.14
715.91	Salem	721.11
718.93	" (Woodburn-Springfield Br.)	719.58
	" (Falls City Br.)	721.15
734.12	Woodburn	736.25
736.38	" (Woodburn-Springfield Br.)	
745.84	Canby	747.87
	" (Molalla Br.)	748.20
765.01	Portland	
770.76	" (Milwaukie Br.)	
526.60	Crescent Lake	530.16
535.43	Cascade Summit	537.20
579.33	Oakridge	581.68
617.64	Springfield	620.35
	" (Woodburn-Springfield Br.)	646.04
661.56	Wendling	
427.08	Ashland	430.80
439.40	Medford	444.37
456.70	Gold Hill	458.12
472.94	Grants Pass	474.57
507.52	Glendale	508.33
571.48	Roseburg	574.56
608.29	Drain	609.65
623.75	Cottage Grove	627.15
739.61	Reedsport	741.13
764.28	Marshfield	771.19
777.95	Overland	778.84
784.15	Coquille	786.87
794.02	Myrtle Point	795.36
801.91	Warner	802.95
806.75	Gaylord	808.10
811.85	Powers	
684.42	Tallman (Woodburn-Springfield Br.)	685.72
696.91	" (Tallman Br.)	
687.23	Lebanon	690.17
704.52	Shelburn (Woodburn-Springfield Br.)	705.30
	" (Mill City Br.)	705.56
726.46	Silverton	728.42
725.79	Mill City	727.90
745.19	Detroit	747.20
685.87	Corvallis (West Side Br.)	690.96
701.02	" (Toledo Br.)	703.88
765.12	Toledo	766.75
671.41	Monroe	672.25
673.00	Alpine Jct. (West Side Br.)	673.71
	" (Alpine Br.)	675.24
	" (Bellfountain Br.)	675.41
696.01	Wellsdale	701.07
708.57	Independence	711.17
714.13	Gerlinger (West Side Br.)	715.64
728.17	" (Falls City Br.)	729.68
730.23	Whiteson (West Side Br.)	731.24
	" (Willamina Br.)	730.93
734.04	McMinnville	736.30
737.52	St. Joseph	738.46
	" (Newberg Br.)	738.40
741.90	Carlton	743.52
754.15	Seghers	755.64
757.62	Carnation (inc. spur from Detour to Forest Grove city station)	758.91
764.30	Hillsboro (West Side Br.)	766.94
766.52	" (Tillamook Br.)	
774.40	Beaverton	776.03
763.47	Cook (Newberg Br.)	764.72
781.91	" (West Side Br.)	
679.41	Dawson	
675.92	Glenbrook	
	Tillamook	855.57
846.70	Garibaldi	845.33
834.87	Wheeler	832.24
816.55	Salmonberry	815.68
811.55	Enright	810.72
800.47	Cochran	799.65
793.91	Timber	791.77
781.56	Buxton	780.27
748.06	Newberg	749.53
766.58	Oswego (Newberg Br.)	768.70
	" (Milwaukie Br.)	768.80
721.78	Winona	723.14
733.31	Dallas	735.03
745.97	Black Rock	
757.32	Molalla	
737.49	Broadmead (Willamina Br.)	738.08
	" (Perrydale Br.)	737.97
748.42	Willamina	

First-class trains run with caution between signal bridge west of train-order office Brooklyn and Union Station, Portland.

Toledo—C. D. Johnson Lumber Corporation have permission to move their engine between their sawmill and their logging road within yard limits.

Newberg—Spaulding Lumber Co. have permission to move their engine on main track in yard limits.

Salem—Westward interlocking signal governing movement over drawbridge on Falls City Branch will not be cleared for trains until bridge-tender receives permission from operator or yardman, and when cleared will be authority to proceed to Salem. This will not apply to yard engine movements for which interlocking signal may be cleared at any time. Signal 14 (j) may be used by yard engines for identification.

Albany—O. E. Ry. trains between Albany and Lebanon will use S. P. Co. main track just west of signals 6912 and 6913 and use Albany and Page siding between Albany and Tallman Branch Junction switch at Page and must comply with Rules 93 and 842.

When no yardmaster or representative present, must comply with Rules 83 and 83(C). Eastward O. E. Ry. trains (S. P. Co. Time-table direction) will obtain check of register at Albany station. Westward O. E. Ry. trains (S. P. Co. Time-table direction) will obtain check of register by telephone from S. P. Co. operator at Albany station, and repeat it back to operator for verification before delivery to engineer.

RULE 98. RAILROAD CROSSINGS AT GRADE AND DRAWBRIDGES NOT INTERLOCKED:

Between Eugene Yard and Danebo	O. E. Ry. Crossing.
Albany yard tracks	O. E. Ry. Crossings.
Gerlinger	Falls City Branch.
Between Pinckney and Salem	O. E. Ry. Crossing.
Hillsboro, Range Street	O. E. Ry. Crossing.

Trains will stop before crossing and be governed by Rule 14 (b). When trains stop on crossings not protected by interlocking signals the intersecting line must be protected as prescribed by Rule 99.

RULE 99. When torpedoes are used between Crescent Lake and Wicopee, each torpedo placed will be duplicated on opposite rail.

RULE 102. Should a passenger train break in two or an emergency application of brakes occur while in motion on the grade between Oakridge and Cascade Summit, head brakeman will immediately go towards rear, close angle cock at opening if train has parted, set hand brakes, and turn up retainers on detached portion. After train is coupled air must be applied from engine before hand brakes and retainers are released.

If necessary to leave detached portion on main track, rear truck of detached portion ascending grade or lead truck of detached portion descending grade must be chained to rail in such manner as to derail car should they start.

RULE 103 (A). Trains and engines must stop and be preceded by flagman before crossing highway.

Seghers: Within 50 feet of Westside Highway Stimson mill spur.
Canby: (Molalla Branch) Pacific Highway.

RULE 104. THE NORMAL POSITION OF SWITCHES AT JUNCTIONS WILL BE AS FOLLOWS:

Wilsonia	For Milwaukie Branch
Cook	For West Side Branch
Hillsboro	For Tillamook Branch
St. Joseph	For West Side Branch
Whiteson	For West Side Branch
Corvallis Jct	East Wye Switch, West Side Branch, for wye
Alpine Jct	ForWest Side Branch
Bailey Jct	For Bellfountain Branch
Mohawk Jct	For Cascade Line
Springfield Jct	For Cascade Line (Spring Switch)
Albany-Toledo Branch	For Main Line
Brooklyn	Switch at west end of double track will be lined for eastward main track
Willsburg Jct	For Main Line

Albany—O. E. Ry. connection is located at M. P. 691.3, and normal position is for S. P. Co. main track.

Geer—East and west wye switches must be lined and locked for Woodburn-Springfield Branch.

Shelburn—West wye switch must be lined and locked for movements between Mill City and Lebanon, and east wye switch for movements between Lebanon and Geer.

Lebanon—O. E. Ry. switch is located at M. P. 688.9 east of Lebanon station and normal position is for S. P. Co. main track.

Tallman—East wye switch must be lined and locked for movements between Albany and Lebanon and west wye switch for movements between Albany and Brownsville.

Corvallis and Corvallis Jct.—Switches must be lined and locked for movement between Albany and Philomath.

Eugene Yard—Normal position of east wye switch on Coos Bay Branch at Eugene Yard will be for movement to the yard.

Fields—East switch siding is the switch at Signal 5551.

DERAILS IN MAIN TRACK

Clearance point main track Wendling Branch at Mohawk Jct.
Clearance point main track Milwaukie Branch at Willsburg Jct.
Clearance point main track Falls City Branch at Salem.
Clearance point main track Newberg Branch at Wilsonia.
Willamina, 1550 feet east of station.
Black Rock, 100 feet west of water tank.

RULE 105. Following tracks are designated for use as sidings.

Cascade Summit { Eastward siding (Lake side).
Westward siding (Station side).

Oakridge—Track next to main track on station side—passenger siding.
Tracks on opposite side of main track:
No. 1—eastward freight trains.
Nos. 2, 3, 4—westward freight trains.
Nos. 5, 6—storage tracks.

Westward trains except first-class trains will take siding at Oakridge unless otherwise instructed.

Tunnel—Operator will operate switches to permit train to enter or leave sidings east end of Oakridge.

Junction City—No. 1 Track next to main track.

Reedsport—Track opposite passenger station.

Myrtle Point—House track.

Oswego—Track opposite station.

Cochran—Long track between east switch and connection to main track west of station.

Crescent Lake—Eastward freight trains taking siding use track No. 1. Westward freight trains taking siding use track No. 2.

Ashland—Eastward freight trains will use No. 1 track and when necessary double over to No. 3 track. Westward freight trains arriving Ashland will head in on track No. 1 and if necessary to double to other track, double over as instructed by Agent or his representative when yard engine not on duty. During the hours no yard engine is on duty both freight and passenger trainmen will be required to head their trains in and out of Ashland yard, also set out or pick up any cars for their train and handle their engines to and from roundhouse.

Medford—Siding extends from signals 4414-4415 to signals 4420-4421.

Roseburg—Eastward freight trains entering yard will use No. 1 track. Westward freight trains will use scale track.

Eugene—Siding extends from switch located 250 feet east of signals 6470-6471 to signals 6490-6491, and first class trains (except Marshfield Subdivision first class trains) will use siding between west switch and signals 6476-6477.

Marshfield Subdivision main track ends at Eugene at switch connecting with Eugene siding at signals 6482-6483. Marshfield Subdivision trains must use this siding to and from Eugene passenger station. Other trains must not use this siding when such use will interfere with the movement of Marshfield Subdivision first-class trains. Switch at junction Marshfield Subdivision main track and Eugene siding must be left lined and locked for movement to yard.

Page—Siding extends from signals 6896-6897 to 1250 feet east of overhead highway crossing.

Albany—Siding extends from signals 6900-6901 to signals 6915-6916.

Tallman Branch main track ends at clearance point east of west switch Page. Tallman Branch trains must use Page siding and Albany siding between Page and Albany, other trains must not use Page siding when such use will interfere with the movement of Tallman Branch trains.

Toledo Branch main track ends at switch 860 feet east of overhead highway crossing.

Geer Branch at Salem ends at signboard 10 car lengths east of east wye switch on Geer Branch and at Geer ends at first wye switch which must be left lined and locked for east leg of wye.

Salem—When eastward trains are to take siding to meet other trains they will take siding at connection switch just east of signals 7178-7179.

Woodburn—Siding extends from signals 7342-7343 to signals 7356-7357.

Canby—Siding extends from signals 7342-7343 to signals 7478-7479. Molalla Branch ends at west wye switch connecting with the siding.

RULE 221. The light will not be displayed in train-order signals at following stations, except when train orders are to be delivered:

Mt. Angel
Newberg
Lyons
West Scio
Silverton
Independence
Brownsville
Wheeler
Sheridan
Coquille
Myrtle Point

Trains must obtain a clearance before leaving Medford, Grants Pass, Marshfield, Albany, Salem, Corvallis, Dallas, Mill City, Timber, Oakridge, Monroe.

Eugene Yard: Westward trains and eastward Marshfield Subdivision trains originating will obtain train orders and clearance at Eugene Yard. Eastward Brooklyn Subdivision trains originating Eugene Yard will obtain train orders and clearance at Burma.

Eugene—Trains must obtain clearance before leaving Eugene, except trains terminating Eugene Yard may leave Eugene without clearance.

Eugene and Eugene Yard—Trains going via Siskiyou Line at Springfield Junction must obtain two clearances, one from Cascade Line Dispatcher and one from Siskiyou Line Dispatcher.

Marshfield Subdivision trains, originating or terminating at Eugene, will not be required to obtain clearance Eugene Yard.

Oakridge—Eastward second class and inferior trains not required to obtain clearance.

Tunnel—First class, westward second class and inferior trains not required to obtain clearance.

RULE 505. AUTOMATIC BLOCK SYSTEM

When eastward trains pass signal 5282 at Crescent Lake displaying caution indication, and engineers change at that point, it will be the duty of incoming engineer to advise outgoing engineer of this fact, and the train will proceed with caution to signal 5290.

RULE 510. The following block signals equipped with triangular number plate displaying letter "P" have included in their control limits some special protective device:

BROOKLYN SUBDIVISION

Eastward		Westward
P-5274	Spring switch, west end Crescent Lake.	
	Spring switch, east end Crescent Lake	P-5291
P-5356	Spring switch, west end westward siding Cascade Summit.	
P-5454	Spring switch, west end Cruzatte	P-5455 P-5457
P-5464	Fire detector, trestles between tunnels 7 and 8, and between tunnels 9 and 10	P-5489
P-5714	Slide detector fence, MP 572	P-5721 P-5735
P-6108	Slide detector fence, MP 611 to 613	P-6125
P-6118	Slide detector fence, MP 613	P-6137
P-6208	Spring switch, Springfield Jct.	
P-6446	Spring switch, Springfield Jct.	P-6447
P-7500	Spring switch, west end Coalca	P-7501 P-7503

In addition to making careful inspection of track where these fences are located, the face of bluff above the track must be observed for indication of slide.

RULE 516. Overlap posts:

Eastward trains: Latham, 1700 feet west of signal 6252.
Swain, 1900 feet east of signal 6594 opposite clearance point of storage track.
Fair Grounds, 300 feet east of west switch.
East Milwaukie, 2000 feet west of east switch.
Kane, 500 feet west of east switch.
Coos, 1616 feet west of east switch.
Westward trains: Willsburg Jct., 4400 feet east of junction switch.
Irving, 2500 feet east of west switch.
Medford, 1434 feet east of signal 4413.

RULE 535. SPRING SWITCHES

Switches are located as follows and speed indicated must not be exceeded when passing over such switches. This does not authorize exceeding other speed restrictions.

Springfield Jct.—Normal position spring switch for Cascade Line. Eastward trains from Siskiyou Line will trail through without lining switch. Westward trains to Siskiyou Line will line switch by hand and restore to normal position when movement completed.

Siskiyou Line

Trailing Eastward	—Passenger	25 MPH
	Freight	20 MPH
Facing Westward	—Passenger	25 MPH
	Freight	20 MPH

Cascade Line

Facing Westward —All trains 25 MPH

Signal 6447 governs westward movement over switch. Top arm for Cascade Line normally indicates proceed, lower arm for Siskiyou Line normally indicates stop and changes to proceed when switch lined for Siskiyou Line and block clear.

Signal 6208 on Cascade Line and Signal 6446 on Siskiyou Line govern eastward movement over switch, normally indicate stop and change to proceed on approach when block clear and signal on converging line is at stop.

When eastward signal does not change to proceed, trainmen will go to signal 6208, observe indication of indicator mounted above release box adjacent to signal and if indicator indicates block is clear, trainman or engineman will operate time release and push button in the release box by turning release knob to the right until pointer is at zero, hold it firmly in that position while push button for the signal desired is pushed in as far as it will go, then release both, and signal will clear after four minutes. Release must not be operated when train approaching with proceed signal until that train has stopped.

When unable to obtain proceed signal, be governed by Rule 509, protecting on converging track also, unless it is known signal on that track indicates stop.

Cruzatte (West switch Facing point lock)	Trailing westward from siding 15 MPH.

Trains using siding to allow train on main track to pass must not enter approach light circuit, unless necessary, which will be indicated by sign 1000 feet from dwarf light signal west end of siding.

If two westward trains encounter main track signal 5455 and dwarf light signal 5457 west end of siding at stop, member of crew operate time release and push button which are located in time release box on case of main track signal 5455 between main track and siding as follows:

If it is desired that train on main track is to proceed first, turn knob of time release to the right as far as it will go, hold in that position and use push button No. 5455 and hold same until pilot light, adjacent to button, is illuminated then release knob and push button.

Same procedure is followed if train on siding is to proceed first, using push button No. 5457.

After time release and button has been operated, time release will allow signal to indicate proceed after interval of four minutes provided block is clear.

If necessary for train on siding to pass approach lighting circuit sign, member of crew should immediately operate time release and push button No. 5455 for westward main track trains to avoid delay.

If signals involved do not indicate proceed, Rule 509 will govern.

Crescent Lake (East switch facing point lock)	Trailing eastward from No. 1 track 15 MPH.
Crescent Lake (west switch facing point lock)	Trailing westward from No. 1 track 15 MPH.
Cascade Summit west end westward siding.	Trailing westward from siding 15 MPH.
Coalca (West switch Facing point lock)	Trailing westward from siding 25 MPH.

Westward trains using siding to allow trains on main track to pass, must not enter approach lighting circuit unless necessary, which will be indicated by sign 920 feet from dwarf light signal west end of siding.

If two westward trains encounter main track signal 7501 and dwarf light signal 7503 west end of siding at stop, it will be necessary for member of crew to use push button releases located in box on signal case adjacent to dwarf signal P-7503 as follows:

If train on main track is to proceed first, push button marked 7501 until lamp over button is lighted, then release button. Same procedure is followed if train on siding is to go first, using push button No. 7503. Signal 7501 will clear in one minute and signal 7503 will clear in four minutes, provided block is clear.

If train on siding passes approach light circuit sign member of crew should immediately operate push button 7501 for the westward main track train to avoid delay.

It will be necessary to use push buttons for eastward trains making a reverse movement at the west end Coalca yard.

If signals involved do not indicate proceed, Rule 509 will govern.

When signal governing the trailing movement through this switch indicates "STOP" switch must be manually operated before and after movement has been made.

SPECIAL SIGNALS

Salem—Dwarf Signal 7191 on Falls City Branch governs movement of trains from Falls City Branch.

Willsburg Jct.—Normal indication of home signal on Milwaukie Branch is stop. If signal does not clear after switch and derail are lined for diverging route be governed by Rules 509 and 99.

When a Milwaukie Branch train is stopped by signal 7657 and opposing train is standing on main track clear of junction switch at Willsburg Jct., it may proceed immediately with caution, not exceeding 12 MPH to junction switch, providing track is seen to be clear to that switch.

Eastward main line trains holding meet or waiting for opposing trains to enter Milwaukie Branch at Willsburg Jct. will stop west of signal 7652 west of Willsburg Jct.

Oakridge—Light has been placed on pole located on left hand side (going east) west pocket track opposite west main line crossover switch.

When this light is burning, it will indicate that westward freight trains being restricted for eastward light engines arriving Oakridge is about ready to depart and such helper engines will remain on pocket with indicators and markers displayed until departing westward train, including helper engines, identify them.

Eugene Yard—Signal 6487 governs movement of westward trains from yard tracks to main track. Signal indicates proceed only when both switches are lined for movement from yard to main track and block is unoccupied.

Springfield—Dwarf Signal 6196 on Woodburn-Springfield Branch governs movement of trains from Woodburn-Springfield Branch.

Mohawk Jct.—Dwarf Signal 6180 on Wendling Branch governs movement of trains from Wendling Branch.

JOINT TRACK BETWEEN GRETON AND BEBURG

Movements of Southern Pacific and Oregon Electric trains or engines operating between Greton and Beburg, on the West Side Branch, will be governed by block signal indications which supersede the superiority of trains.

Normal position of Junction switches at Greton and Beburg is for Southern Pacific movements.

Distant signal 7754 located 2316 feet west of Beburg and home signal 7758 located 306 feet west of Beburg Junction switch governs eastward movements from Southern Pacific tracks.

Distant signal 7797, located 3000 feet east of Greton and home signal 7793 located 225 feet east of Greton Junction switch governs westward movements from Southern Pacific tracks.

Home signal 7756 located 306 feet east of Beburg Junction switch governs westward movements from Oregon Electric tracks.

Home signal 7795 located 225 feet west of Greton Junction switch governs eastward movements from Oregon Electric track.

Signal 7772 is an intermediate home signal located between Beburg and Greton governing eastward movements for Southern Pacific trains and westward movements for Oregon Electric trains.

Signal 7779 is an intermediate home signal located between Greton and Beburg governing westward movements for Southern Pacific trains and eastward movements for Oregon Electric trains.

Normal position of block signals 7793 and 7795 at Greton is "stop".

Normal position of block signal 7758 at Beburg is "clear" for movement from Southern Pacific and 7756 is "stop" for movements from Oregon Electric.

Westward trains on Oregon Electric track will stop at Signal 7756; if switch indicators at junction switch indicate "block clear" switch may be set for movement from Oregon Electric track.

Eastward trains on Oregon Electric track will stop at Signal 7795; if switch indicators at junction switch indicate "block clear" switch may be set for movement from Oregon Electric track.

If switch indicators at junction switches indicate "block occupied" wait fifteen minutes, and if no train or engine is seen or heard approaching send a flagman ahead immediately, wait five minutes, then line switch and if signal does not indicate "proceed" wait additional five minutes before following flagman, keeping at least one-half mile behind flagman until train reaches the intermediate home signal or the junction switch, provided the intermediate home signal does not indicate "proceed."

If signals for Southern Pacific trains indicate "stop" at Beburg or Greton Junction switches, train will stop and wait fifteen minutes and if no train or engine is seen or heard approaching send flagman ahead immediately, wait ten minutes then proceed, keeping at least one-half mile behind flagman until train reaches the intermediate home signal or to clear of junction switch provided the intermediate home signal does not indicate "proceed."

Trains stopped by intermediate home Signals 7772 or 7779 indicating "stop" will send flagman ahead immediately, wait ten minutes then proceed, keeping at least one-half mile behind flagman until train has passed and is clear of junction switch.

Spur at Fanno is equipped with double switch indicator and dwarf light Signal 7775. If switch indicator indicates block is "clear" Signal 7775 will clear when derail and switch lined for movement to main track and block is not occupied. If switch indicator indicates block "occupied" flag protection as prescribed by Rule 99 must be provided in both directions before fouling main track.

East end Southern Pacific siding at Beburg is equipped with double switch indicator and dwarf light signal 7766. If switch indicators indicate block is "clear" Signal 7766 will indicate "proceed" when derail and switch lined for movement to main track and block is not occupied. If switch indicators indicate block is "occupied" wait fifteen minutes, then provide flag protection both directions as prescribed by Rule 99, before fouling main track.

Eastward Southern Pacific trains will, when meets are made at Beburg, move through siding unless otherwise provided by train order. Eastward trains entering siding at Beburg must clear main track as soon as possible to release signals for other movements.

Lebanon—O. E. Ry. junction switch at M.P. 688.9 is protected by signals 6889 and 6891 located near clearance points and signal 6888 approximately 1500 feet west of junction switch.

Normal position of switch is for movement on S. P. Co. track with derail on O. E. Ry. track in derailing position. Normal indication of signals on S. P. Co. track is "proceed" and signal on O. E. Ry. "stop."

When switch indicator located at derail indicates block clear, derail and switch may be lined for movement to S. P. Co. track and when so lined and block is clear, signal on O. E. Ry. will change to proceed. If signal does not change to proceed, be governed by Rules 509 and 99.

When operator is on duty at Lebanon, O. E. Ry. trains will obtain permission from operator before entering S. P. Co. main track.

Marshfield Subdivision—Approaches to following tunnels protected by block signals:

Tunnel 13, from M.P. 668 to M.P. 671.9.
Tunnels 15 and 16 from M.P. 719.2 to M.P. 723.1.
Tunnel 19 from M.P. 744 to M.P. 748.

Coos Bay Bridge—Block signal limits are from M.P. 763 to M.P. 765.1 from middle of Coos siding to just west of west switch North Bend.

Ashland—Trains or engines stopped by signals 4293 or 4297 may proceed with caution not exceeding 12 MPH.

RULE 605. INTERLOCKING.

MADISON STREET—Crossing of S. P. & S. Ry.

Movement over crossing governed by dwarf light signals located 80 feet from crossing.

Movement against traffic over crossing governed by signal for movement with traffic.

When signals at stop or view of signal obstructed, be governed by Rule 663.

EAST PORTLAND TOWER—Governs movement over Willamette River Bridge.

Limits extend from east end of Willamette River Bridge to 1500 feet west of west end of bridge.

Movement governed by U. P. Co. rules, the requirements of which are similar to S. P. Co. interlocking rules except U. P. Co. Rule 663 requires hand signal from signalman to be given from the center of track on which the movement is to be made.

The following whistle signals will be used:

To Portland, ———.
To Albina, ——— o.
To S. P. main track, o ———.
To Transfer track, ——— o ———.
To Graham (Sullivan Gulch Line), ——— ———.
To East Second Street, o o ———.
To S. P. yard, o ——— o.

NORTHERN PACIFIC TERMINAL TOWER—Limits extend from east end of Willamette River Bridge to Terminal tracks, Union Station. Trainmen and enginemen are subject to the rules and regulations of Northern Pacific Terminal Company.

Interlocking at south end of freight and passenger yards governs all trains and engines entering or leaving Terminal Company yards.

When the home signal indicates "stop" the following whistle signals will be used:

To Albina, ——— o.
To Troutdale, ——— ———.
To S. P. Main track, o ———.
To S. P. yard, o ——— o.
To East Second Street, o o ———.
To S. P. & S. to East side, o o ———.
To Track 10, ——— ——— o.

When the home signal indicates "proceed" the whistle must not be sounded.

When conditions are favorable use hand or lamp signals for route desired, omitting whistle signals.

Trains and engines using tracks 1 to 10 inclusive, must run at restricted speed when passing a train receiving or discharging passengers and must not cross under "High Shed" at passenger station without receiving a proceed signal from the stationmaster or his assistant.

In making this movement with yard engines, a member of the crew, and not more than one, must ride on leading footboard of the engine, and when cars are being pushed must ride on front of leading car in direction engine is moving.

A flagman must precede the movement of yard engines over crossing in front of the baggage room unless a proceed signal is given by the stationmaster, baggagemaster or their assistants.

Trains and engines must not exceed 10 MPH between 17th Ave. and passenger station, and 6 MPH between north end of passenger station tracks and Front Ave.

CRUZATTE—Remote controlled switch east end of siding. Limits extend from signal No. 5465 SA located 50 feet east of east switch to signal No. 5464 SA on main track and signal No. 5466 SA on siding located 250 feet west of east switch Cruzatte.

Interlocking signals and power operated switch controlled by operators at telegraph office Cruzatte. Trains stopped by these signals will communicate with operator by telephone located in door of concrete battery house at switch and be governed by his instructions. If instructed by operator to throw interlocked switch by hand, follow instructions posted adjacent to telephone.

The member of train crew throwing the switch over by hand, after receiving permission from operator, must notify rear member of his crew in order that switch will be returned to normal position, or remain at switch and return it to normal position and notify operator by telephone when switch has been returned to motor operating position and locked.

When for any reason proceed indication of an interlocking signal cannot be acted upon at once, operator must immediately be notified.

Eastward trains holding main track at Cruzatte and necessary to run a following train around them through siding, conductor of train being passed will notify operator so plant can be lined up for this movement.

During designated periods when no operator on duty, trainmen will operate switch by hand as per instructions posted adjacent to telephone.

If it becomes necessary for westward trains to operate the switch by hand to take siding, and permission has been received from operator to throw switch and signal governing movements to siding fails to indicate proceed, trains may proceed with caution through interlocking limits to siding.

Eastward trains taking siding west end of Cruzatte will reverse siding switch before passing home signal 5454 to prevent stopping trains to be met at home signal 5465 SA east end Cruzatte and signal 5455 at the west end Cruzatte.

FRAZIER—Remote control switch east end of siding. Interlocking limits extend from signal 5517 S.A., located 40 feet east of east switch, Frazier, to signals 5516 S.A., on main track, and light type dwarf signal 5518 S.A. on siding, located 236 feet west of east switch Frazier. Westward two-arm home signal 5517 at east end Frazier changed to semi-automatic signal, and is equipped with two-indication (green or red) light type signal, located on mast, governing movements to siding. Distant signal 5523, located just east of tunnel No. 14 east of Frazier is equipped with light type signal located on mast and displays green indication only when east switch at Frazier is lined for siding and route signal on signal 5517 S. A. is clear, but does not supersede the caution indication on the distant signal.

Eastward home signal 5516, located just east of east switch, Frazier, moved 276 feet west and changed to semi-automatic signal, and governs eastward movements on main track. Two-indication (green or red) dwarf light type signal 5518 S.A. installed between main track and siding at clear point east end Frazier governing eastward movements from siding.

Normal position of spur track switch east end siding Frazier will be lined for siding.

Spring switch west end siding. Interlocking limits extend from signal P-5504 S.A., located 75 feet west of west switch Frazier to signals P-5505 S.A., located on signal bridge on main track and light type signal P-5507 S.A. on siding, located 195 feet east of west switch, Frazier.

Westward home signal 5505, located just west of west switch Frazier moved to signal bridge, 270 feet east and changed to semi-automatic signal governing westward movements on main track. Two-indication (green or red) light type signal 5507 S.A. installed to right of siding at clear point west end of Frazier governing westward movements from siding. Eastward two-arm home signal P-5504, located just west of west switch Frazier changed to semi-automatic signal and is equipped with take-siding indicator which is authority to move through interlocking limits to siding when indicator is illuminated displaying letter "S", in which event member of crew will line spring switch for siding.

Interlocking signals at east and west end siding Frazier and power operated switch east end siding Frazier controlled by operator at telegraph office Wicopee. Trains stopped by semi-automatic signals east end Frazier will communicate at once with operator by telephone located in door of concrete battery house at switch and be governed by his instructions and Rule 672. If instructed by operator to throw the interlocking switch by hand follow instructions posted adjacent to telephone.

The member of train crew throwing the power operated switch at east end siding over by hand, after receiving permission from operator, must notify rear member of his crew in order that switch will be returned to normal position or remain at switch and line it to normal position, and notify operator by telephone when switch has been returned to motor operating position and locked.

If permission is received from operator to move over power operated switch against inoperative signals, switch must be examined to insure that switch points are closed in the position for the move to be made.

Trains stopped by semi-automatic signals at west switch Frazier will communicate at once with operator by telephone located in door of concrete battery house at switch and be governed by his instructions and Rule 672.

Should it become necessary for an eastward train to take siding when signal P-5504 S.A. indicates proceed for movement on main track, permission must be obtained from operator by telephone before switch is lined for siding and if permission is received to take siding and siding indicator fails to display take-siding indication train may proceed with caution through interlocking limits to siding.

Eastward trains taking siding west switch Frazier will not pass signal P-5504 S.A. before spring switch is lined for siding.

When for any reason proceed indication of interlocking signals east or west end siding Frazier cannot be acted upon at once, operator must immediately be notified by telephone.

When trains holding main track at Frazier are delayed so that it becomes necessary to run following train around them through siding, conductor of train being passed, will notify operator so plant can be lined up for this movement.

Siding between interlocking limits not controlled by signals. Train and engine movements in this territory will be made in accordance with Rule 105.

Trains entering or leaving east or west end siding Frazier will not exceed 15 M.P.H.

CUSHMAN DRAWBRIDGE TOWER—Governs movement over Siuslaw River Bridge just east of Cushman.

REEDSPORT DRAWBRIDGE TOWER—Governs movement over Umpqua River drawbridge 0.6 mile west of Reedsport.

NORTH BEND DRAWBRIDGE TOWER—Governs movement over Coos Bay drawbridge 1.7 mile west of North Bend.

TOLEDO BRANCH—Albany Drawbridge Tower—Governs movement over Willamette River drawbridge 0.8 mile east of Albany.

FALLS CITY BRANCH—Salem Drawbridge Tower—Governs movement over Willamette River drawbridge one mile east of Salem.

GENERAL REGULATIONS

RULE 825. When cars are left on grade not protected with derails they must be chained to rail.

RULE 869. Rear brakemen on freight trains between Cascade Summit and Oakridge will observe track from rear of caboose so train may be stopped in case of derailment. Dietz lanterns placed on rear of caboose will be used at night to assist in observing track.

TRAIN INSPECTION

Trains containing carload shipments of T.N.T., bombs, loaded projectiles, and other such articles of a highly sensitive nature should be stopped for inspection at intervals of not to exceed 50 miles, provided any car in the train containing articles of this nature is loaded in excess of 65 per cent of its marked capacity.

Freight trains descending grade will stop for inspection and to permit heat of wheels to equalize at the following stations:

Cruzatte
Fields or Wicopee
McCredie Springs
Mayo or Belding

With above exceptions maximum distance freight trains may run without stopping for inspection is 50 miles except between Eugene Yard and Brooklyn when conditions are favorable and in the judgment of the conductor it is safe to do so, they may run 70 miles without stopping for inspection.

Trains, including military trains, made up in part of freight cars or caboose equipped with cast iron wheels are required to comply with rules and time-table instructions applying to freight trains as they relate to stopping for train inspection, and speed restrictions.

AIR BRAKE RULE 3. Standard brake pipe pressure for freight or mixed trains on the Portland Division will be 80 pounds.

FREIGHT TRAINS

AIR BRAKE RULE 23. Compliance with this rule is required at turn-around points where no change is made in engine, engine crew or train crew.

AIR BRAKE RULE 24. Standing rear end air tests must be made immediately before leaving on all trains at Cochran.

When helper engine is in train, after rear end test has been made, the leading engineer must not attempt to start until the helper engineer has sounded signal 14 (b). The helper engineer must not sound whistle until signal is received from rear.

In making rear end test between Crescent Lake and Eugene, between Buxton and Salmonberry, between Black Rock and Falls City, and between Glendale and Grants Pass, it must be made in accordance with Air Brake Rule 24(B).

AIR BRAKE RULE 31. On ascending grade before helper engines in the rear of freight trains are detached, sufficient hand brakes must be set ahead of helpers to prevent slack running out. This does not modify Miscellaneous Special Instructions of the current timetable requiring engineer on road engine on westward freight trains taking water at McCredie Springs, Wicopee and Cruzatte to make a 15 lb. brake reduction before rear helpers are cut off and permitting hand brakes in this instance to be set after helper engines are detached.

AIR BRAKE RULE 32. Gross tonnage on any freight train must not exceed the Ms per operative brake between the stations shown:

	Freight
Grants Pass and Glendale	140 Ms
Summit and Nashville	120 Ms
Black Rock and Falls City	100 Ms
Timber and Belding	100 Ms
Buxton and Strassel	120 Ms

AIR BRAKE RULE 33. Retainers will be used on descending grades as follows:

Timber-Enright Black Rock-Falls City	1 valve for every 100 Ms in train.
Tunnel 25-Buxton Summit-Nashville	1 valve for every 120 Ms in train.
Cascade Summit-Oakridge Glendale-Grants Pass	1 valve for every 140 Ms in train.
Divide-Comstock Rice Hill-M.P. 594 Rice Hill-M.P. 602	1 valve for every 150 Ms in train.
Macleay-Geer	1 valve for every 120 Ms in train.

For operating convenience retainers may be turned up at Crescent Lake and turned down at Lookout.

Freight and work trains passing Cochran must be given a retainer test by car inspectors when on duty and by trainmen when car inspectors are not on duty. Trains must not leave Cochran with more than one retainer in ten inoperative.

PASSENGER TRAINS

AIR BRAKE RULES 35 AND 39. Rear end air brake test will be made before passenger trains leave Union Station, Portland, as follows: Air inspector will attach gauge to rear of train and give four blasts of air signal from rear car. Enginemen will make full service application. Inspector will note fall of pipe pressure and then signal engineman to release by four blasts of air signal. If pressure comes up on brake pipe on rear end to the standard carried, conductor will be advised that train is ready to proceed. Passenger trains leaving Portland will not make running test until after crossing Willamette River Bridge. Rear brake man of westward passenger trains making running test after crossing Willamette River Bridge, Portland, as prescribed by Rule 39, must signal enginemen by use of communicating signal.

When passing over Willamette River Bridge, Portland, a trainman will remain at rear of train in position to apply emergency brake if necessary.

AIR BRAKE RULE 39. Running tests must be made by passenger trains as follows:

Willamette River Bridge—Passing east end of Brooklyn.
Eastward trains leaving Grants Pass.
Eastward trains just west of station Cascade Summit.
Westward trains leaving Glendale.
Marshfield Subdivision—One mile east and west of Siuslaw River Bridge Cushman; Umpqua River Bridge Reedsport; Coos Bay Bridge between Coos and North Bend; Coalbank Slough Marshfield.
Newberg Branch—East and west of Rex.
Tillamook Branch—Eastward trains before descending grade east of Tunnel 25.

AIR BRAKE RULE 46. Retainers will be used on descending grades as follows:

Cascade Summit-Oakridge—accessible (Retainers will be used on all headend equipment in excess of 4 cars.)
Glendale—Grants Pass—accessible.

MISCELLANEOUS

1. Road engine and helper engines must not be detached from train at the same time.

4 In helper service:

(a) No helper engine will be placed behind wooden underframe cars or cabooses.

(b) Engines weighing more than 235,000 pounds on the drivers will not be placed behind steel underframe cabooses.

(c) In no case will more than one helper engine be placed behind steel underframe cabooses.

Oakridge—Trains of 95 cars or less, helper engines will be placed in train with first helper cut in not more than 78 cars from road engine, second helper not less than 7 cars behind first helper, and third helper not less than 7 cars behind second helper, but in all cases ahead of wooden underframe cars, outfit cars, passenger equipment, and at least 7 cars ahead of caboose. Trains of more than 95 cars, rear helper will be cut in at least 7 cars ahead of caboose and at least 7 cars will be placed between other helpers.

Helper engines will be lined up at roundhouse in reverse order and move to east end of yard in that order, leading helper engine making cut for following helper and couple to train as soon as possible.

Engineer on road engine when helpers are detached must note carefully brake pipe pressure and when pressure leaks below 55 pounds he must immediately recharge brake pipe. Road engine must not be moved while helper engines are detached from train.

When two engines are used on westward freight trains between Eugene Yard and Oakridge the second engine if larger than a GS engine, will be cut in train immediately ahead of caboose, except in all cases ahead of all wooden underframe cars, outfit cars and passenger equipment.

Cascade Summit. Train should be stopped west of crossover, and helper engine should be used to shove rear portion of train to a coupling.

Westward trains holding main track and changing engines at Cascade Summit, make change at west leg of wye unless otherwise instructed by conductor.

Tillamook Branch: not more than two engines will operate coupled together. When three helper engines are operated in rear of train, two helpers will be placed in train five cars ahead of rear helper which should be cut in train immediately ahead of caboose but in all cases ahead of all wooden underframe cars, outfit cars and passenger equipment.

Empty 67-foot skeleton log flats must not be placed in train ahead of helper engines.

4(a) For the purpose of pushing trains out of yards:

(a) No engine will be placed behind a wooden underframe caboose or other wooden frame equipment.

(b) Engines weighing more than 235,000 pounds on the drivers will not be placed behind steel underframe cabooses.

(c) Air will not be coupled through the pusher engine.

(d) Yard engines regularly so used will be equipped with Russell-Jordan device to hold the coupler pin from dropping, thus making it unnecessary for employees to uncouple the pusher engine when cutting off.

(e) In no case shall the knuckle be removed, or closed, or cutting lever temporarily fastened in release position on a pusher engine, as means of preventing coupling being made.

(f) Unless local conditions require, it will not be necessary to stop trains to detach pusher engines.

5 In order to more definitely indicate tracks normally used by S. P. Co. crews in Albina Yard for purpose of interchange as between U. P. Ry. and S. P. Co., the following Albina tracks are so designated for receipt and delivery of transfers:—

Old Main Line
Coach Tracks 2, 3, 5 and 6
Tracks 1 to 12, inclusive
Tracks 23 to 26, inclusive

7 Capacity of sidings between clearance points is based on an average car length of 49 feet not including engines and caboose.

Figures between station names on schedule pages indicate distance from initial switch of siding at one station to initial switch of siding at next station.

9. **East Morrison St.**—When westward passenger trains stop, engine must clear north line of street to avoid blocking traffic.

10 Engines over 200,000 lbs. on drivers must not operate over tracks listed below:

MEDFORD
Big Pines spur
Clark-Henry track
Connection leading to Clark-Henry track
Old Jacksonville Ry. track

GOLD HILL
Oil spur

ROCK POINT
Del Rio Orchards track

ROSEBURG
Kenny spur

DEADY
Spur track

EUGENE
Jennings spur
House track
Woolen Mill spur
Gas spur
Allen & Lewis spur
Eugene Concrete Co. spur
Walters Bushong spur west of road crossing
Eugene Sand and Gravel Co. spur

EUGENE YARD
Spur track at M.P. 649.8, Coos Bay Branch

SPRINGFIELD JCT.
Storage track
Wye track between Cascade Line and Siskiyou Line

SPRINGFIELD
Woodburn-Springfield wye
Booth-Kelly tracks
High Line log spur
Flour Mill spur

PULP
Crown Willamette Paper Co. siding between warehouse and river

3600, 3700, 4100, 4200, 4300, and 4400 engines must not operate over following tracks:

East Portland	North leg of wye west end of Willamette River Bridge.
Haskell	Powder spur.
Clackamas	Stock track.
Oregon City	House track and paper mill track.
Pulp	Log dump track.
New Era	Spur track.
Canby	Pit, stock and team tracks.
Barlow	Spur track.
Aurora	House track.
Woodburn	Beyond 800 feet west of switch to Terminal Ice and Cold Storage Co. track on Woodburn-Springfield Branch
Fair Grounds	Tile, wood, oil, Valley Packing and Fair Grounds spurs.
Salem	Trade St. track.
Turner	House track.
Marion	House track.
Jefferson	House and back tracks.
Millersburg	House track.
Albany	House track, all tracks in old C. & E. yard (except main track and wye).
Tangent	Mill track and house track.
Harrisburg	Standard Oil spur.
Junction City	All inside tracks (except siding). F class may operate on back track from east end to stock corral.
Latham	All yard tracks.
Divide	Wye track.
Oakland	Over curves on house track between station and switch east.
Sutherlin	Stock yard track.
Myrtle Creek	Standard Oil spur, Shell Oil spur, Packing Plant track. House track except 4000 series on Packing Plant track.
Medford	Medford Timber Products Corpn. spur. West lead to Medford Corporation beyond 200 feet beyond derail. Engines must not be operated through crossover from track No. 4 to track No. 3. Army Cantonment.
Jasper	Spur track.
Pengra	House track.
Armet	Spur track.
Westfir	Western Lbr. Co. tracks.

Mk, AM, F, SP, P-11 and 12, and AC engines must not operate over Willamette River Bridge Portland.

P-11 and 12, AC 4, 5, 6, 7, 8, 9, 10, 11, GS engines must not operate between Ashland and Springfield Jct. and on east leg of wye Woodburn.

Two or more engines coupled must not operate over truss bridges between Geer and Coburg.

3200, 3900, and 4000 series engines must not operate beyond 800 feet west of switch to Terminal Ice and Cold Storage Co. on Woodburn-Springfield Branch Woodburn, Trade Street track beyond a point 200 feet from Wye track switch Salem, and Water Street, Albany.

Engines class T over 150,000 lbs. and class TW and C over 200,000 lbs. on drivers must not operate on:

Tillamook; Newberg; Willamina; Perrydale; Geer; Falls City Branches. Woodburn-Springfield Branch (Woodburn-Geer); Toledo Branch (Albany-Corvallis); Coos Bay Branch (Eugene-Myrtle Point); West Side Branch (Cook-Corvallis).

Engines class T over 126,000 lbs. and TW over 167,000 lbs. on drivers must not operate on:

West Side Branch (Corvallis-Cheshire); Bellfountain and Alpine Branches; Tallman Branch; Woodburn-Springfield (Tallman-Lebanon).

Engines class T over 100,000 and TW over 125,000 on drivers must not operate on:

Mill City, Wendling Branches; Toledo Branch (Flynn-Toledo); Woodburn-Springfield Branch (Springfield-Tallman and Lebanon-Geer); Coos Bay Branch (Myrtle Point-Powers); Molalla Branch (except TW not over 147,000 lbs. may operate).

Engines class TW over 161,000 lbs. on drivers must not operate on Toledo Branch between Corvallis and Flynn.

Engines weighing over 180,000 lbs. on drivers must not operate on Fisher's spur, Corvallis.

Engines weighing over 122,000 lbs. on drivers must not operate on siding at Cedar Point, Johnson track Coquille, and over connection between high-line and No. 4 track Marshfield.

Engines over 161,000 lbs. on drivers must not operate on tracks S. P. Open Dock, East Portland.

Engines class TW over 165,000 lbs. on drivers must not operate on retail track owned by Coos Bay Lumber Co., Marshfield.

Loaded 16-foot hog fuel cars prohibited from movement on main line except between Eugene and Mohawk Jct., Fall City Branch and Salem, Eugene and Albany.

Use extreme care in performing switching on tracks adjacent to log loading and unloading facilities, platforms, lumber docks and where lumber is piled adjacent to tracks, on account of obstructions and impaired clearance conditions which are created by shippers in loading and unloading shipments. At log loading and unloading points, particularly at log rollways, side clearance should be closely observed and employees should be on guard for overhead cable or other obstructions.

When train handling logs (except in gondolas) takes siding to meet an opposing train or allow a following train to pass, such train must be thoroughly inspected to see that proper clearance exists to insure safe movement for the expected train, and no movement of train on siding attempted until train has passed.

S. P. Co. employees must not handle engines or cars on J. H. Baxter and Co. locomotive crane track at Clackamas.

16 Three wire line between Marshfield and Coquille, two wire line between Coquille and Myrtle Point and single wire line between Myrtle Point and Powers is telegraphone line and all concerned are cautioned not to use the high voltage line on opposite side of track.

18 When two road engines, in charge of one messenger, are moved, they shall be coupled together, if physical condition of track or structures will permit.

When a yard engine (without engine truck) and a road engine, in charge of one messenger, are moved, a freight car of steel underframe construction shall be placed between them.

When an engine weighing 150,000 lbs. or over on drivers is moved, it should be placed near head end, with from 8 to 15 cars between it and the engine handling train. If there are cars to be set out en route, they should be placed ahead, to avoid switching with dead engine.

When an engine weighing less than 150,000 lbs. on drivers is moved, it should be placed near rear.

20 In making up trains at terminals for main line movement, consisting of loads and empties, a sufficient number of empties must be placed on head end of train when construction of cars will permit in order to equalize braking power. Wood underframe cars must in all cases be placed behind loads in rear of train. This will not apply to branch line freight trains, to locals of less than forty cars or to trains picking up and setting out at stations between Brooklyn and Eugene.

Handling of freight cars in trains behind passenger cars is prohibited except passenger equipment may be placed in head end of mixed trains when carrying personnel and equipment in connection with military and naval movements. This does nor refer to a baggage, express, or mail car, or a caboose.

22 S. P. Co. trains will stop before passing under the S. P. & S. Ry. track while log trains are passing on overhead crossing in either direction, M.P. 773.5 between Banks and Roy.

25 Electric lamps may be used for displaying white light only, except herders must use green globe in lamp to signal trains to enter or leave yards.

26 Before workmen enter turntable pit for any purpose, the turntable must be placed out of line with all tracks leading thereto, and a blue signal or authorized sign displayed in a conspicuous position immediately adjacent to the controls of power operated turntables and at both ends of manually operated turntables. Such a sign or signal when so displayed indicates workmen are under or about the turntable, and while thus protected the turntable must not be moved. Each class of workmen must be protected by its own blue signals or signs and workmen of the same class are alone authorized to remove them.

SPEED RESTRICTIONS

Engines backing must not exceed 15 MPH on curves and approaching grade crossings.

Engines with pilots removed or not equipped with engine or pony trucks 20 MPH.

Engines operated coupled tender to tender must not exceed speed permitted of that class running backwards.

Engines and trains must not exceed 10 MPH when operating through No. 7 and No. 8 turnouts and slip switches.

F-4-5 class engines must not exceed 6 MPH backing through switches.

Maximum allowable speed for trains handling logs loaded on flat or log cars is 25 MPH unless otherwise restricted; and must not exceed 15 MPH over truss bridges, passing through stations and tunnels.

Maximum allowable speed of trains handling flangers is 30 MPH. Trains consisting of engine, flanger and caboose only should be considered freight trains and speed restricted accordingly, except between Cascade Summit and Heather maximum allowable speed is 28 MPH and between Heather and Oakridge 30 MPH.

Maximum operating speeds (in MPH) for ENGINES on TANGENT TRACK, subject to restrictions imposed by character and authorized speed of train, type of tender and local operating conditions, are shown on speed chart page 16.

Speed restrictions for engines are shown in speed table; however, attention is called to the following maximum speeds at which tenders may be operated subject to restrictions imposed locally:

Tenders having water capacity 7,000 gallons or less, except classes 70-R-1 and 70-SC-1, maximum speed 50 MPH.

Maximum speed (in MPH) of disabled engines (except S or SE), running under own steam or hauled in train, must not exceed:

When all the weight has been removed from any one pair of drivers	20
When all the weight has been removed from only one wheel of any pair of drivers	30
When engine truck is removed	20
When main rod only is removed	30
When side rod only is removed	30
When both main and side rods are removed	20
When hauled in train, all rods on	30
Class S and SE engines, under all conditions	20

Trains consisting of engine and caboose only should be considered freight trains and speed restricted accordingly.

Following engines are cross counter-balanced and must not exceed 75 MPH.

All GS-1, 2, 3, 4, 5. Mt 1, 2, 3, 4, 5.

All P-7, 8, 10, 12 except 2470 and 2477.

Following engines are cross counter-balanced and must not exceed 55 MPH.

F-1, 3, 4, 5; 3612, 3615, 3619, 3625, 3634, 3636, 3652, 3656, 3658, 3665, 3666, 3668, 3676, 3677, 3681, 3682, 3683, 3685, 3687, 3692, 3701, 3706, 3709, 3711, 3716, 3717, 3727, 3728, 3732, 3737, 3742, 3752, 3765.

All AC-4, 5, 7, 8, 10 and 11.

Trains must not exceed 15 MPH through turnouts, crossovers and on sidings on main lines and 12 MPH through turnouts, crossovers and on sidings on branch lines.

Maximum speed for passenger trains handling box cars equipped with steel wheels and trains consisting entirely of system or foreign line box cars so equipped is 60 MPH. When such cars are equipped with high speed trucks and proper braking equipment and pass required terminal inspection they may be handled in regular passenger trains at passenger speeds.

All cars moved in passenger trains must be equipped with steel-tired or all steel wheels. When cars not so equipped are offered for movement, they will be handled in freight trains; passengers, if any, to move on passenger train.

(a) Wooden passenger-carrying cars, wooden baggage, express and other head-end cars, unless equipped with steel center sills and steel platforms, must not be used in passenger trains.

(b) Speed of trains handling such cars must be restricted as follows:

When consist includes not more than three wooden passenger-carrying cars, maximum speed must not exceed 50 MPH. When consist includes more than three wooden passenger-carrying cars, maximum speed must not exceed 40 MPH. Extra passenger trains handling wooden coaches or chair cars must not exceed 40 MPH.

(c) If consist of train includes both wooden and steel passenger-carrying cars, the wooden cars must be kept together and handled on the rear.

All AC class engines must not exceed 35 MPH when operating in freight service.

Maximum speed for S and SE class engines 20 MPH but must not exceed speed permitted Freight and Mixed Trains and Light Engines.

Maximum speed for Gas-Elec. cars when backing 60 MPH but must not exceed speed permitted when handling Passenger Trains.

PAGE	TYPE OF ENGINE—TERRITORY—STRUCTURE—LADING, ETC.	MPH
	Trains handling wooden pile-drivers; locomotive cranes with boom disconnected and heavy end forward; steam shovels and ditchers, transported on their own wheels:	
2-3-4-5	On tangent main tracks	35
	except SPMW 4044	25
4-6-7-8-9	On tangent branch tracks	25
All	On all curves.....5 MPH less than speed authorized. Where slow boards in place 5 MPH less than shown on slow boards, except when speed indicated is 15 MPH or less be governed by slow boards.	
	Trains handling locomotive cranes with boom disconnected and light end forward (must not be handled in this manner except in emergency):	
2-3-4-5	On tangent main tracks	20
All	On curves and on branch tracks	15
	Trains handling locomotive cranes with boom in place, either end forward (to be handled in work trains when practicable):	
2-3-4-5	On tangent main tracks	25
All	On curves and on branch tracks	15
All	Trains handling steel pile-drivers may make maximum freight train speed.	
	Trains handling relief outfit with steam derrick:	
2-3-4-5	On tangent main tracks	35
6-7-8-9	On tangent branch tracks	25
All	On all curves.....5 MPH less than speed authorized. Where slow boards in place 5 MPH less than shown on slow boards, except where speed indicated is 15 MPH or less be governed by slow boards.	
	With a light car each side, limit speed over Phoenix column spans on Wendling, Woodburn-Springfield and Toledo Branch to 10 M.P.H. No restrictions on other bridges.	

SPECIAL INSTRUCTIONS

BROOKLYN SUBDIVISION

Crescent Lake and Odell Lake—Maximum speed of passenger trains on curves 55 MPH from M.P. 528.81 to M.P. 532.50.

Odell Lake and Cascade Summit—Maximum speed of passenger trains on curves 50 MPH from M.P. 533.16 to M.P. 536.49.

Cascade Summit—When using east or west leg of wye with AC-4-5-6-7-8-9-10-11 class engines 6 MPH.

Westfir—Engines on eastward trains do not exceed 20 MPH approaching and passing over spur switch to interchange track west end Westfir.

Brooklyn and Portland—10 MPH over all street crossings and along East First Street between Brooklyn and East Oak Street. 15 MPH between East Oak Street and Front Street, and 6 MPH between Front Street and Union Station. Mt and GS type engines 6 MPH over frogs and around curves west end of Willamette River Bridge.

WOODBURN SPRINGFIELD BRANCH

Reduce to 18 MPH through Mt. Angel and Silverton.

TOLEDO BRANCH

Reduce to 15 MPH through tunnels and over Willamette River bridge, Albany.

Two engines coupled not exceed 10 MPH over bridges 711.35 between Flynn and Wrens and 716.68 between Wrens and Russell.

WEST SIDE BRANCH

Reduce to 20 MPH through Independence.

NEWBERG BRANCH

Cook—Reduce to 20 MPH over Junction switch.

FALLS CITY BRANCH

Salem—Reduce to 12 MPH on 17°30′ curve between east end Union Street and Salem and to 15 MPH over Willamette River bridge.

TILLAMOOK BRANCH

Cochran and Mayo—Westward trains reduce to 12 MPH over Wolf Creek bridge at west end of tunnel 27, M.P. 803.6.

Reduce to 10 MPH on 17°30′ curves one-half mile west of Belding at M.P. 807.5 and one and two-tenth miles west of Belding at M.P. 808.2.

Consolidation engines must not exceed 12 MPH backing up on curves between Bay City and Garibaldi and between Jetty and Wheeler.

MEDFORD SUBDIVISION

Medford—Reduce to 10 MPH over Main Street crossing.

AC class engines must not exceed 6 MPH on house track Green and track 4 Glendale.

Passenger trains must reduce to 20 MPH and freight trains to 15 MPH on 12 degree curves between tunnel No. 5 and west switch Brandt and on 12 degree curve M.P. 528.

AC 1, 2 and 3 class engines in freight and passenger service must not exceed 25 MPH between Glendale and Ashland.

MARSHFIELD SUBDIVISION

Eugene and Walton—Engines running backward permitted to make 20 MPH on tangent track.

Reduce to 10 MPH on draw spans Siuslaw River, Umpqua River, Coos Bay, Coalbank Slough and Baker Creek bridge No. 10, Coquille bridges 1, 2, 3, 4, 5, 7, 8, 9, 12, 13 and tunnel 1 between Myrtle Point and Powers.

Trains handling logs loaded on flat or logging cars must stop before entering tunnels 14 and 21 westward and 13 and 18 eastward and at Coos to inspect condition of loads, and not exceed 8 MPH between North Bend and Anderson Ave., Marshfield.

CBL saddle back engines 11 and 12 must not operate between Myrtle Point and Marshfield. CBL saddle back engines 9 and 10 reduce to 15 MPH over all bridges and trestles between Myrtle Point and Marshfield.

SPEED RESTRICTIONS: Maximum speed of Passenger trains must not exceed **50 MPH** and Freight and Mixed trains **35 MPH** except as otherwise provided for herein, or by bulletin, train order or "fixed signal."

Maximum speed of any train with an engine not shown in Speed Restriction table, **35 MPH**, and is further restricted to maximum speed shown for Freight and Mixed trains if less than **35 MPH**.

		PASSENGER							LIGHT ENGINES RUNNING FORWARD				
Page No.	TERRITORY	P-7-8 (cross counter-balanced) P-10-12 Mt-1-2-3-4-5 GS-1-2-3-4-5	E T-26-32-37-40 P-1-3-4-5-6-7-8-11 A Gas-elec. cars	F-1-3-4-5 (cross counter-balanced) AC-4-5-7-8-9-10-11	M (except M-21) T-1-8-9-23-28-31-36-57-58 Mk-5-6-7-8-9	C-2 to 10, inc.-18-19-26-27-28-29 AC-6 AM-2	M-21 C-15-17 TW Mk-2-4-10 F-1-3-4-5 AC-1-2-3 SP-1-2-3	FREIGHT AND MIXED	E P A Mt-1-2-3-4-5 GS-1-2-3-4-5	T-26-32-37-40 F-1-3-4-5 (cross counter-balanced)	M T-1-8-9-23-28-31-36-57-58 C-2 to 10 inc.-18-19-26-27-28-29 Mk-5-6-7-8-9 F-1-3-4-5 SP-1-2-3	DES C-15-17 TW AC Mk2-4-10 AM-2	LIGHT ENGINES BACKING (except gas-elec. cars)
5	Ashland-Medford	45	45	45	45	45	40	30	45	40	35	30	20
5	Medford-Grants Pass	50	50	50	50	45	40	35	45	40	35	30	20
5	Grants Pass-M.P. 481.3	35	35	35	35	35	35	20	35	35	35	30	15
5	M.P. 481.3-M.P. 485.3	50	50	50	50	45	40	35	45	40	35	30	20
5	M.P. 485.3-Glendale	35	35	35	35	35	35	20	35	35	35	30	15
5	Glendale-Reuben	45	45	45	45	45	40	20	45	40	35	30	20
5	Reuben-M.P. 539.4	28	28	28	28	28	28	20	28	28	28	28	15
5	M.P. 539.4-Roseburg	50	50	50	50	45	40	35	45	40	35	30	15
5	Roseburg-M.P. 594	50	50	50	50	45	40	30	45	40	35	30	15
5	M. P. 594-M.P. 601	25	25	25	25	25	25	25	25	25	25	25	15
5	M.P. 601-Comstock	50	50	50	50	45	40	30	45	40	35	30	15
5	Comstock-Divide	25	25	25	25	25	25	25	25	25	25	25	15
5	Divide-Springfield Jct	50	50	50	50	45	40	30	45	40	35	30	20
4	Crescent Lake-Cascade Summit	60	60	55	50	45	40	35	45	40	35	30	20
4	Cascade Summit-Heather, East	30	30	30	30	28	28	20	30	30	28	28	15
4	Cascade Summit-Heather, West	30	30	30	30	28	28	25	30	30	28	28	15
4	Heather-Oakridge	30	30	30	30	30	30	25	30	30	30	30	15
4	Oakridge-Natron	50	50	45	45	45	40	35	45	40	35	30	20
4	Natron-Springfield	50	50	50	50	45	40	35	45	40	35	30	20
4	Springfield-Eugene	35	35	35	35	35	35	30	35	35	35	30	15
4	Mohawk Jct.-Wendling	......	......	......	......	......	......	18			18	18	15
2, 3	Eugene-M.P. 651	60	60	55	50	45	40	40	45	40	35	30	20
2, 3	M.P. 651-M.P. 716.0	65	65	55	50	45	40	40	45	40	35	30	20
2, 3	M.P. 716-M.P. 720.3	60	60	55	50	45	40	40	45	40	35	30	20
2, 3	M.P. 720.3-M.P. 742	65	65	55	50	45	40	40	45	40	35	30	20
2, 3	M.P. 742-M.P. 744.35	50	50	50	50	45	40	35	45	40	35	30	15
2, 3	M.P. 744.35-M.P. 748.90	60	60	50	50	45	40	35	45	40	35	30	15
2, 3	M.P. 748.90-M.P. 761.25	50	50	50	50	45	40	35	45	40	35	30	15
2, 3	M.P. 761.25-M.P. 765.55	60	60	50	50	45	40	35	45	40	35	30	15
2, 3	M.P. 765.55-Portland	50	50	50	50	45	40	35	45	40	35	30	15

		PASSENGER		FREIGHT	LIGHT ENGINES RUNNING FORWARD				
Page No.	TERRITORY	Maximum	With TW Engines	Freight and Mixed	T 26, 32, 40	C	T 1, 8, 9, 23, 28, 31	TW	Light Engines Backing
6	Eugene-Noti	45	40	30	40	35	35	30	15
6	Noti-Mapleton	35	......	30	35	35	35	30	15
6	Mapleton-Lakeside	35	......	25	35	35	35	30	15
6	Lakeside-North Bend	35	......	30	35	35	35	30	15
6	North Bend-Marshfield	15	......	15	15	15	15	15	15
6	Marshfield-Powers	18	......	18	18	18	18	18	15
7	Woodburn-Silverton	25	......	25	18	18	18	18	15
7	Silverton-Tallman	25	......	25	25	......	25	25	15
7	Tallman-Coburg	18	......	18	18	......	18	18	15
7	Coburg-Springfield	20	......	20	20	20	20	20	15
7	Page-Tallman	30	......	30	30	30	30	30	20
7	Salem-Geer	18	......	18	18	18	18	18	15
7	Shelburn-Gates	22	......	22	22	......	22	22	15
7	Gates-Idanha	15	......	15	15	......	15	15	12
7	Albany-Philomath	25	......	25	25	25	25	25	18
7	Philomath-Toledo	20	......	20	20	......	20	20	12
8	Alpine Jct.-Glenbrook	18	......	18	18	......	18	18	15
8	Bailey Jct.-Dawson	18	......	18	18	......	18	18	15
8	Cook-Hillsboro	20	......	20	20	20	20	20	20
8	Cheshire-M.P. 694	25	......	25	25	25	25	25	20
8	M.P. 694-M.P. 696	20	......	20	20	20	20	20	20
8	M.P. 696-Whiteson	25	......	25	25	25	25	25	20
8	Whiteson-Hillsboro	25	......	25	25	25	25	25	20
9	Cook-St. Joseph	25	......	25	25	25	25	25	20
9	Willsburg Jct.-Cook	25	......	25	25	25	25	25	20
9	Hillsboro-Buxton	25	......	25	25	25	25	25	20
9	Buxton-Timber	20	......	20	20	20	20	20	15
9	Timber-Enright	15	......	15	15	15	15	15	10
9	Enright-Tillamook	18	......	18	18	18	18	18	15
9	Jefferson St.-Wilsonia	20	......	20	20	20	20	20	15
8	Whiteson-Willamina	20	......	20	20	20	20	20	15
8	Broadmead-Perrydale	20	......	20	20	......	20	20	15
8	Canby-Molalla	20	......	20	20	......	20	20	20
7	Salem-Gerlinger	25	......	25	25	25	25	25	15
7	Gerlinger-Dallas	25	......	25	25	25	25	25	15
7	Dallas-Falls City	20	......	20	20	20	20	20	15
7	Falls City-Black Rock	15	......	15	15	15	15	15	10

SPEED OF TRAINS REGULATED BY ORDINANCE THROUGH CITY LIMITS.

	Miles per hour
Central Point—5 a. m. to 10 p. m.	35
Roseburg	15
Yoncalla	25
Cottage Grove	25
Eugene	15
Junction City	45
Halsey	45
Albany	30
Turner	45
Salem (Except)	35
Between M. P. 717.95 west line of Mission St. and M. P. 718.85 east end of paving on 12th St.	20
Woodburn	45
Hubbard	45
Aurora—5 a. m. to 10 p. m.	35
Milwaukie	12
Oswego	10
Newberg	20
Lafayette	15
Cornelius	12
Forest Grove	15
Gaston	15
McMinnville	12
Corvallis	20

SPEED TABLE

SPEED PER HOUR	1 MILE IN MIN. SEC.	SPEED PER HOUR	1 MILE IN MIN. SEC.	SPEED PER HOUR	1 MILE IN MIN. SEC.	SPEED PER HOUR	1 MILE IN MIN. SEC.
6	10.00	25	2.24	39	1.33	53	1.08
8	7.30	26	2.18	40	1.30	54	1.06
10	6.00	27	2.13	41	1.27	55	1.05
12	5.00	28	2.08	42	1.25	56	1.04
15	4.00	29	2.04	43	1.23	57	1.03
16	3.45	30	2.00	44	1.21	58	1.02
17	3.31	31	1.56	45	1.20	59	1.01
18	3.20	32	1.52	46	1.18	60	1.00
19	3.09	33	1.49	47	1.16	61	.59
20	3.00	34	1.45	48	1.15	62	.58
21	2.51	35	1.42	49	1.13	63	.57
22	2.43	36	1.40	50	1.12	64	.56
23	2.36	37	1.37	51	1.10	65	.55
24	2.30	38	1.34	52	1.09		

LOCATION OF OVERHEAD AND SIDE STRUCTURES NOT STANDARD CLEARANCE

EMPLOYES ARE WARNED THAT IT IS DANGEROUS TO STAND ERECT ON TOP OF CARS OR TO RIDE ON SIDES OF CARS WHILE PASSING THESE POINTS, AND THAT THEY MUST PROTECT THEMSELVES FROM INJURY.

All water tanks and water columns have impaired side clearance at spout.

BROOKLYN SUBDIVISION

Portland. Union Station, South end tracks 1 and 2, 3 and 4, 5 and 6, 7 and 8, 9 and 10, from interlocking signals to a point 100 feet north of the crossing at the south end of these tracks.

Tracks 5 and 6 are on 12 ft. 3 inch centers their entire length.

Above tracks will not clear man on side of a car.

Mile Post	BETWEEN	DESCRIPTION	Height Above Top of Rail	Side Clearance From Rail
757.50	Park Place-Clackamas	Clackamas River Crossing	21.3	4.9
698.93	Millersburg-Jefferson	N. Santiam River Crossing	21.7	4.9
620	856 feet east	Rock Cut	....	5.7

Pulp. Portable platform across paper loading track to handle shipments from boats to warehouse. Careful inspection must be made to know that this platform has been removed before coupling into cars or doing switching on this track.

Salem. Trolley wires on Front Street are less than 22 feet above top of rail.

Eugene. Impaired clearance exists when chutes are in place on Eugene Sand and Gravel Co. private spur.

Springfield. Track lift bridge on Booth-Kelly high line track, Springfield, 250 ft. west of shingle mill.

Before using track west of shingle mill, stop and determine if lift bridge is lowered in place.

MOLALLA BRANCH

Mile Post	BETWEEN	DESCRIPTION	Height Above Top of Rail	Side Clearance From Rail
751.06	Canby-Liberal	Molalla River Crossing	.....	4.7

MILL CITY BRANCH

Mile Post	BETWEEN	DESCRIPTION	Height Above Top of Rail	Side Clearance From Rail
714		Rock Cut	.....	5.2
732		" "	.....	5.1
736	2040 feet West	" "	.....	5.8
736	3240 " "	" "	.....	4.4
737		" "	.....	5.4
737	2000 feet West	" "	.....	5.2
737	2300 " "	" "	.....	4.8
737	3000 " "	" "	.....	4.0
738		" "	.....	4.8
738	2000 " "	" "	.....	5.3
738	3000 " "	" "	.....	4.4
738	3600 " "	" "	.....	5.8
739		" "	.....	5.2
739	2500 " "	" "	.....	4.3
739	3000 " "	" "	.....	4.8
740	2300 " "	" "	.....	5.8
741	300 " "	" "	.....	5.6
743	90 " "	" "	.....	5.8
743	700 " "	" "	.....	5.6
744.21	Elk River-Detroit	Breitenbush River Crossing	20.5	4.5
745	350 feet West	Rock Cut	.....	5.8
747	600 " "	" "	.....	5.4
750	700 " " (both sides)	" "	.....	5.8

Idanha. Apron on loading track at Raines Saw mill.

NEWBERG BRANCH

Mile Post	BETWEEN	DESCRIPTION	Height Above Top of Rail	Side Clearance From Rail
762.12	Tualatin-Cook	Tualatin River Crossing	21.1	.....

WEST SIDE BRANCH

Mile Post	BETWEEN	DESCRIPTION	Height Above Top of Rail	Side Clearance From Rail
731.85	McMinnville-Whiteson	S. Yamhill River Crossing	19.5	4.5
702.96	Parker-Suver	Luckiamute River Crossing	19.8	4.5
779.9	Tigard	Overhead Highway Crossing	.....	.....

WILLAMINA BRANCH

Mile Post	BETWEEN	DESCRIPTION	Height Above Top of Rail	Side Clearance From Rail
745.27	Sheridan-Shipley	S.Yamhill River Crossing	.....	5.0
	Willamina	Willamina Clay Prod. Co.	16.6	2.8

Willamina. Before switching on spur track serving Pacific Plywood Corporation, Willamina, see that the hog fuel loading platform is in an upright position.

FALLS CITY BRANCH

Mile Post	BETWEEN	DESCRIPTION	Height Above Top of Rail	Side Clearance From Rail
719.74	Pinckney-Salem	Willamette River Crossing	21.6	4.9
743	3700 feet West	Rock Cut	.....	4.3
747.10	Black Rock-End of Line.	6th Cross'g Little Luckiamute River	.....	4.7

Dallas. Trains operating between Dallas and Falls City before occupying main track between switches of deck track Dallas, will stop and a trainman will notify crane operator to discontinue operation of crane until train has passed.

Close clearance exists on spur track serving hog fuel storage yard at Pinckney. Extreme care should be used when moving cars in and out of this track.

WOODBURN—SPRINGFIELD BRANCH

Mile Post	BETWEEN	DESCRIPTION	Height Above Top of Rail	Side Clearance From Rail
706.29	Shelburn-N. Santiam	N. Santiam River Crossing	18.0	4.6
700.99	West Scio-Gilkey	Thomas Creek Crossing	20.3	4.8
698.58	Gilkey-Crabtree	N. Fork Crabtree Cr. Cross.	20.5	5.0
698.48	Gilkey-Crabtree	Crabtree Creek Crossing	19.9	5.3
671.67	Brownsville-Rowland	Calapooia River Crossing	20.6	4.3
650.25	Chestnut-Armitage	McKenzie River Crossing	18.5	5.7

TOLEDO BRANCH

Mile Post	BETWEEN	DESCRIPTION	Height Above Top of Rail	Side Clearance From Rail
691.70	Albany	First Street Crossing	.....	4.5
691.82	Albany-North Albany	Willamette River Crossing	21.8	4.4
711.35	Flynn-Wrens	1st Crossing Marys River	18.4	4.2
715.0	1000 feet West	Rock Cut	.....	4.6
716.68	Wrens-Russell	6th Crossing Marys River	17.8	4.4
717.13	Wrens-Russell	7th " "	.....	4.7
718.88	Harris-Blodgett	8th " "	.....	4.6
719.37	" "	9th " "	.....	4.4
719.66	" "	10th " "	.....	4.7
720.25	" "	11th " "	.....	4.7
720.51	" "	12th " "	.....	4.6
720.78	" "	14th " "	.....	4.7
730.3	Summit-Nashville	Tunnel No. 22	16.1	3.1
732.0	" "	Tunnel No. 23	16.1	3.7
739.18	Nortons-Eddyville	4th Crossing Yaquina River	.....	4.5
739.43	" "	5th " " "	.....	4.6
743.68	" "	6th " " "	.....	4.7
745.79	Eddyville-Chitwood	7th " " "	.....	4.8
748.72	" "	8th " " "	.....	4.5
751.22	Chitwood-Elk City	9th " " "	.....	4.4
751.57	" "	10th " " "	.....	4.7
751.77	" "	11th " " "	.....	4.8
752.4	" "	Tunnel No. 24	16.4	4.0
752.99	" "	15th Crossing Yaquina River	.....	4.8

WENDLING BRANCH

Mile Post	BETWEEN	DESCRIPTION	Height Above Top of Rail	Side Clearance From Rail
649.50	Hendricks-Marcola	McKenzie River Crossing	18.4	4.5
651.02	" "	1st Mohawk River Crossing	20.3	4.2
659.86	Wendling-Hyland	2nd " " "	17.3	4.6

CASCADE LINE

Mile Post	BETWEEN	DESCRIPTION	Height Above Top of Rail	Side Clearance From Rail
537.8	Cascade Summit-Abernethy	Tunnel No. 3	20.5	5.6
544.3	Abernethy-Cruzatte	Tunnel No. 4	20.5	5.6
545.2	" "	Tunnel No. 5 and Rock Shed	20.5	5.6
546.5	Cruzatte-Frazier	Tunnel No. 6	20.5	5.6
547.1	" "	Tunnel No. 7 and Snow Shed	20.5	5.6
547.7	" "	Tunnel No. 8	20.5	5.6
548.3	" "	Tunnel No. 9 and Snow Shed	20.5	5.6
548.6	" "	Tunnel No. 10 and Rock Shed	20.5	5.6
548.8	" "	Tunnel No. 11 and Rock Shed	20.5	5.6
549.3	" "	Tunnel No. 12 and Rock Shed	20.5	5.6
550.0	" "	Tunnel No. 13	20.5	5.6
551.8	Frazier-Fields	Tunnel No. 14 and Snow Shed	20.5	5.6
553.9	" "	Tunnel No. 15	20.5	5.6
556.0	Fields-Wicopee	Tunnel No. 16	20.5	5.6
557.1	" "	Tunnel No. 17	20.5	5.6
557.8	" "	Tunnel No. 18	20.5	5.6
558.6	" "	Tunnel No. 19	20.5	5.6
560.9	Wicopee-Heather	Tunnel No. 20	20.5	5.6
572.1	McCredie Springs-Pryor.	Tunnel No. 21	20.5	5.6
581.8	Oakridge-Westfir	Tunnel No. 22	18.8	5.0
584.5	Hemlock-Lookout	Tunnel No. 23	19.7	5.3
587.2	Lookout-Armet	Tunnel No. 24	20.0	5.6
608.24	Pengra-Fall Creek	Fall Creek Crossing	.....	4.9

TILLAMOOK BRANCH

Mile Post	BETWEEN	DESCRIPTION	Height Above Top of Rail	Side Clearance From Rail
789.6	Strassel-Hulbert	Tunnel No. 25	20.1	.....
801.8	Cochran-Mayo	Tunnel No. 26	19.1	4.8
803.6	" "	Tunnel No. 27	20.0	4.6
805.7	Mayo-Enright	Tunnel No. 28	20.1	.....
806.2	" "	Tunnel No. 29	19.3	5.0
806.5	" "	Tunnel No. 30	20.1	.....
807.9	" "	Tunnel No. 32	19.5	5.2
808.5	" "	Tunnel No. 34	20.0	5.5
809.5	Belding-Enright	Rock Cut	.....	5.7
809.9	" "	Tunnel No. 35	19.8	5.4
810.2	" "	Rock Cut	.....	5.9
810.4	" "	" "	.....	5.5
810.7	" "	Tunnel No. 36	20.1	5.5
813.9	Belfort-Salmonberry	Rock Cut	.....	5.7
815.0	" "	" "	.....	5.6
815.5	" "	" "	.....	5.7
815.81	Salmonberry-Wakefield.	1st Crossing Nehalem River	21.3	4.9
817.9	" "	Rock Cut	.....	4.6
819.0	Wakefield-Batterson	" "	.....	5.5
822.1	" "	" "	.....	5.8
830.5	Batterson-Mohler	" "	.....	5.3
830.89	" "	2nd Crossing Nehalem River.	21.1	4.9
846.85	Miami-Bay City	Miami River Crossing	20.2	4.9
848.0	" "	Tunnel No. 37	19.1	5.3
852.74	Idaville-Tillamook	Kelchis River Crossing	20.3	4.9
854.37	" "	Wilson River Crossing	20.9	.....

MEDFORD SUBDIVISION

Mile Post	BETWEEN	DESCRIPTION	Height Above Top of Rail	Side Clearance From Rail
490	Hugo-Leland	Tunnel No. 9	16.7	4.0
505	Wolf Creek-Glendale	Tunnel No. 8	16.0	4.1
514	Reuben-Brandt	Tunnel No. 7	16.3	4.2
514	" "	Tunnel No. 6	15.2	3.3
515	" "	Tunnel No. 5	16.1	3.6
516	" "	Tunnel No. 4	16.3	4.2
518	Brandt-West Fork	Tunnel No. 3	17.1	4.8
518	5180 feet East	Rock Cut	.....	5.4
521	Brandt-West Fork	Tunnel No. 2	17.0	4.7
521.40	Brandt-West Fork	West Fork Creek Crossing	21.8	4.9
523	4490 feet East	Rock Cut	.....	5.2
525	125 " "	" "	.....	5.8
526	3700 " "	" "	.....	5.7
526	3865 " "	" "	.....	5.3
526	4785 " "	" "	.....	5.2
528	600 " "	" "	.....	5.4
530.8	Cow Creek-Peck	Tunnel No. 1	16.4	4.7
539	1450 feet East	Rock Cut	.....	5.5

Dillard. Apron on loading dock.

Shady. Loading Chute on Metzger track.

MARSHFIELD SUBDIVISION

Mile Post	BETWEEN	DESCRIPTION	Height Above Top of Rail	Side Clearance From Rail
664.87	Long Tom-Noti	4th Crossing Long Tom Crk	.....	4.7
669.5	Vaughn-Flagg	Tunnel No. 13	19.6	5.0
681.1	Globe-Austa	Tunnel No. 14	19.7	5.4
720.7	Siboco-Canary	Tunnel No. 15	19.8	5.4
721.5	Canary-Siltcoos	Tunnel No. 16	19.8	5.2
727.7	Ada-Booth	Tunnel No. 17	20.0	5.4
734.5	Kroll-Brenham	Tunnel No. 18	19.7	5.2
739.64	Gardiner-Reedsport	Umpqua River Crossing	21.9	4.7
745.6	Tharp-Willard	Tunnel No. 19	19.9	5.4
750.1	Willard-Lakeside	Tunnel No. 20	19.9	5.4
751.2	" "	Tunnel No. 21	20.0	5.4
763.64	Coos-North Bend	Coos Bay Crossing (Dwarf Signals)	.....	4.1
795.9	Myrtle Point-Broadbent.	Coquille River Bridge (1)	20.2	4.5
797.5	Myrtle Point-Broadbent.	" " " (2)	20.2	4.5
800.6	Broadbent-Warner	" " " (5)	20.2	4.5
801.6	" "	" " " (7)	20.2	4.2
802.7	Warner-Gaylord	" " " (8)	19.0	3.8
808.7	Gaylord-Byerle	Rowland Creek Bridge(9)	20.2	4.6
809.3	Byerle-Fensler	Tunnel No. 1	18.8	.....
813.3	Fensler-Powers	Coquille River Bridge (14)	18.5	4.5

Side clearance of bridges authorized by Public Utilities Commission of Oregon is 5 feet from rail. All bridges having less clearance than 5 feet from rail are noted above.
The clearance shown as height above top of rail is for 9 feet wide or 4 feet 6 inches each side of center line of track.
Side clearance from rail is for all points between 4 feet and 14 feet above top of rail.

TRAIN AND ENGINEMEN ARE CAUTIONED TO WATCH CLOSELY FOR IMPAIRED CLEARANCE SIGNS

RATING OF ENGINES—PORTLAND DIVISION

In Ms of 1000 LBS. Back Of Tender

NOMINAL CLASS	OFFICIAL CLASS	ENGINE NUMBERS	Boiler Pressure	Brooklyn to E. Milwaukie Clackamas to Oregon City Coalca to Canby Aurora to Hito	Salem to Eugene Barlow to Canby Oregon City to Clackamas	Eugene to Salem	E. Milwaukie to Clackamas Oregon City to Coalca Canby to Aurora Hito to Salem Salem to Barlow Canby to Oregon City Clackamas to Brooklyn	Ashland to Grants Pass	Grants Pass to Glendale Glendale to Grants Pass Drain to Roseburg	Glendale to Roseburg	Roseburg to Divide	Divide to Eugene	Eugene to Drain	Roseburg to West Fork Grants Pass to Ashland	West Fork to Glendale	Eugene to Hills Lowell to Armet	Hills to Lowell Armet to Oakridge	Oakridge to Crescent Lake	Crescent Lake to Eugene
T-8, 9	T-57 18/24 83, 99	2161, 2174	160	1350	1800	1950	2300	1800	470	1100	490	1300	960	1050	780	....	....	....	....
T- 1	T-63 20/26 112	2242 to 2271	180	1850	2500	2750	3200	2550	700	1550	720	1850	1350	1500	1100	....	....	....	....
T-26	T-69 21/28 152-S	2283 to 2299	200	2300	3150	3400	3950	3200	870	1950	900	2300	1700	1850	1450	2350	2050	990	3200
T-28, 31	T-63 22/28 162-S	2311 to 2362	210	2950	4000	4350	5050	4050	1150	2550	1200	2950	2200	2350	1850	3000	2700	1300	4100
T-32	T-69 23/28 174-S	2363 to 2384																	
P-8, 10	P-73 25/30 181-SF	2461 to 2475, 2478 to 2491	200	3250	4450	4850	5650	4500	1150	2700	1200	3250	2400	2600	1950	3350	2950	1350	4550
P-8, 10	P-73 25/30 183/B-63-SF		210																
C-8, 9, 10	C-57 22/30 192-S, 200-SF	2513 to 2599, 2624 to 2860	210	3300	4450	4850	5600	4400	1250	2700	1300	3200	2400	2600	1900	3350	3000	1400	4550
C- 5	C-57 22/30 185-S, 187-S																		
TW- 1	TW-54 22/26 147	2900 to 2913	180	2550	3450	3700	4300	3400	970	2100	1000	2450	1850	2000	1500	2600	2300	1100	3500
TW- 8	TW-54 21/32 161-S	2914 to 2923	190	2850	3850	4200	4850	3750	1050	2300	1100	2700	2050	2200	1550	2900	2600	1200	3950
TW- 4	TW-56 20/30 114, 120, 122	2926 to 2931	160	1900	2600	2850	3300	2600	710	1550	730	1850	1400	1500	1100	1950	1750	800	2650
TW- 6	TW-50 20/26 111	2957																	
TW-2, 3	TW-50 20/26 118, 120	2932 to 2952	170	2050	2750	3000	3450	2700	760	1650	780	1950	1450	1600	1150	2050	1850	860	2800
Mk-2, 4	Mk-57 23½/30 206-S, 230-SF	3201 to 3240	210	3800	5150	5600	6500	5100	1400	3100	1450	3700	2750	3000	2200	3900	3450	1600	5250
F- 1	F-63 27½/32 273-S, 282-SF	3611 to 3652	200	4850	6550	7100	8250	6400	1850	3950	1900	4650	3500	3800	2800	4950	4400	2100	6650
F- 3	F-63 29½/32 297-S, 300-SF	3653 to 3667	200	5550	7450	8100	9400	7400	2100	4550	2150	5350	4000	4350	3200	5650	5050	2400	7600
F-4, 5	F-63 29½/32 306/B-61-SF	3668 to 3769	200	5550	7450	8100	9400	7400	2100	4550	2150	5350	4000	4350	3200	5650	5050	2400	7600
F- 5	F-63 29½/32 306/B-62-SF																		
AM- 2	AM-63 22-22/28 357-SF	3900 to 3911	210	5150	6950	7550	8750	7000	1950	4300	2050	5050	3800	4100	3100	5250	4700	2200	7100
AC-1, 2, 3	AC-57 22-22/30 441-SF	4000 to 4048	210	6700	9050	9750	11350	8950	2600	5550	2700	6550	4900	5300	3950	6850	6100	2950	9200
AC-6, 7	AC-63 24-24/32 517-SF, 515-SF	4126 to 4274	250	....	....	....	....	....	....	....	....	....	....	....	....	9500	8500	4100	12800
AC-8-10-11	AC-63 24-24/32 532-SF																		
Mt-1, 3, 4, 5	Mt-73 28/30 246/B-60-SF	4300 to 4376	210	4400	5950	6450	7550	6000	1650	3650	1700	4350	3250	3500	2650	4450	3950	1850	6050
GS- 1	GS-73 27/30 262/B-104-SF	4400 to 4415	250	4650	6350	6900	8000	6500	1750	3950	1800	4700	3500	3800	2850	4750	4200	1950	6450
GS- 2	GS-73 27/30 266/B-104-SF																		
GS- 3	GS-80 26/32 267/B-109-SF	4416 to 4429	280	4750	6450	7050	8200	....	....	....	....	....	....	....	....	4850	4300	1950	6600
GS- 4	GS-80 25½/32 276/B-118-SF	4430 to 4459	300																
GS- 5	GS-80 25½/32 279/B-122-SF																		

NOMINAL CLASS	OFFICIAL CLASS	ENGINE NUMBERS	Boiler Pressure	Brooklyn to Gaston	Gaston to Cheshire	Cheshire to Gaston	Gaston to Brooklyn	Brooklyn to Sherwood	Sherwood to Springbrook	Springbrook to Perrydale	Whiteson to Springbrook	Springbrook to Sherwood	Sherwood to Brooklyn	Broadmead to Willamina	Willamina to Broadmead	Hillsboro to Buxton	Buxton to Timber	Timber to Enright	Enright to Tillamook	Tillamook to Salmonberry	Salmonberry to Enright	Timber to Buxton	Buxton to Hillsboro	Albany to Toledo	Toledo to Albany	Shelburn to Detroit	Albany to Lebanon	Lebanon to Albany
T- 9	T-57 18/24 81 to 94	2161	160	1250	1000	1200	1600	1250	650	1470	1250	625	1600	1300	850	1200	500	300	1500	700	......	850	1500	850	590	800	2000	3000
T- 8	T-57 18/24 99	2174	160																									
T- 1	T-63 20/26 112	2242 to 2271	180	1500	1400	1590	2250	1500	880	1590	......	840	2000	......	......	1750	610	400	2000	1750	900	1100	2000	......	......	......	......	......
TW- 3	TW-50 20/26 111 to 120	2932 to 2957	160	1750	1650	1700	2400	1750	1000	1700	......	1000	2400	......	1700	2000	700	500	2200	2700	1250	1250	2200	1500	890	1230	2850	4000
TW- 4	TW-56 20/30 114 to 122	2926 to 2931	160																									
TW- 1	TW-54 22/26 147	2900 to 2913	180	2400	2290	2575	3220	......	......	......	......	......	......	......	2000	2280	950	570	2850	2900	1300	1620	2850	......	......	......	3750	5000
TW- 8	TW-54 21/32 161S	2914 to 2923	190																									
C-9, 10	C-57 22/30 192S to 200S	2513 to 2599, 2752 to 2860	210	3100	2520	2970	3960	3100	1470	3630	3100	1600	3960	3250	2160	2970	1250	850	3710	3500	1850	2400	3710	......	......	......	......	......
C- 8	......	2698 to 2751																										

NOMINAL CLASS	OFFICIAL CLASS	ENGINE NUMBERS	Boiler Pressure	Eugene to Noti Rainrock to Marshfield Marshfield to Rainrock Noti to Eugene	Noti to Flagg Rainrock to Vaughn	Vaughn to Noti Flagg to Rainrock	Marshfield to Myrtle Point	Myrtle Point to Marshfield	Myrtle Point to Powers	Powers to Myrtle Point	Canby to Molalla	Woodburn to Geer	Geer to Aumsville	Aumsville to Springfield	Springfield to Aumsville	Aumsville to Geer	Geer to Woodburn	Mohawk Jct. to Wendling	Wendling to Mohawk Jct.	Geer to Salem	Salem to Falls City	Dallas to M.P. 735.5	M.P. 735.5 to Falls City	Falls City to Black Rock	Teats to M.P. 735.5	Black Rock to Teats M.P. 735.5 to Dallas	Dallas to Salem
T- 9	T-57 18/24 83 to 92	2161	160	2450	1800	5500	490	600	......	......	1280	1280	600	1200	1880	850	1680	1850	2050	1280	......	......	......	......	......	......	......
T- 8	T-57 18/24 99	2174	160																								
T- 1	T-63 20/26 112	2242 to 2271	180	3100	2300	5500	720	870	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
TW- 3	TW-50 20/26 111 to 120	2932 to 2957	160	3500	2650	6000	730	890	890	1800	......	1810	850	1700	2650	1200	2400	......	......	......	......	1200	2500	590	1800	4000	1650
TW- 4	TW-56 20/30 114 to 122	2926 to 2931	160																								
TW- 1	TW-54 22/26 147	2900 to 2913	180	4650	3450	8000	1000	1200	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
TW- 8	TW-54 21/32 161S	2914 to 2923	190	5200	3900	8000	1100	1300	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
C-9, 10	C-57 22/30 192S to 200S	2513 to 2599, 2752 to 2860	210	6050	4500	8000	1300	1550	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
C- 8	......	2698 to 2751																									

Allowance for Empty and Underloaded Cars		
	Less than 45 Ms	6
	45 to 55 Ms	3
	More than 55 Ms	0

These ratings include the total weight of train, exclusive of engine and tender, which the different class of engines will haul in each direction between the stations shown.

For Statistical Purposes: Rating from Brooklyn to Salem will be that shown in Column 1, "Brooklyn East Milwaukie," etc.
Rating from Salem to Brooklyn will be that shown in Column 2, "Salem to Eugene, Barlow to Canby," etc.
Rating from Eugene to Oakridge will be that shown in Column headed, "Hills to Lowell, Armet to Oakridge."

LIST OF SURGEONS

LOCATION	NAME	TITLE
San Francisco	Dr. C. A. Walker	Chief Surgeon and Manager.
Ashland	Dr. Chas. A. Haines	District Examiner and Surgeon.
Ashland	Dr. Ernest A. Woods	Oculist and Aurist.
Medford	Dr. J. C. Hayes	District Examiner and Surgeon.
Medford	Dr. C. I. Drummond	Associate District Surgeon.
Medford	Dr. Chas. W. Lemery	Oculist and Aurist.
Gold Hill	Dr. Warren D. Bishop	District Surgeon.
Grants Pass	Dr. C. Joyce Moser	District Examiner and Surgeon.
Grants Pass	Dr. W. A. Moser	District Examiner and Surgeon.
Grants Pass	Dr. W. W. Inkrote	Oculist and Aurist.
Glendale	Dr. A. J. Fawcett	District Examiner and Surgeon.
Myrtle Creek	Dr. J. C. Maxson	District Surgeon.
Roseburg	Dr. E. J. Wainscott	District Examiner and Surgeon.
Roseburg	Dr. A. C. Seely	Oculist and Aurist.
Roseburg	Dr. B. R. Shoemaker	District Examiner and Surgeon.
Sutherlin	Dr. I. A. Dunlap	District Surgeon.
Oakland	Dr. B. F. Devore	District Surgeon.
Yoncalla	Dr. R. F. McKaig	Emergency Surgeon.
Drain	Dr. Bertha L. Devore	District Surgeon.
Cottage Grove	Drs. G. L. and W. H. Earl	District Surgeons.
Springfield	Dr. W. H. Pollard	District Examiner and Surgeon.
Springfield	Dr. Melville S. Jones	District Surgeon.
Westfir and Oakridge	Dr. George C. Varney	District Examiner and Surgeon.
Wendling	Dr. C. H. Atwood	Emergency Surgeon.
Eugene	Dr. W. B. Neal	Division Examiner and Surgeon.
Eugene	Dr. Geo. P. Winchell	District Examiner and Surgeon.
Eugene	Dr. C. D. Thompson	District Examiner and Surgeon.
Eugene	Dr. Merle G. Howard	District Examiner and Surgeon.
Eugene	Dr. A. H. Norton	Oculist and Aurist.
Eugene	Dr. O. R. Gullian	Oculist and Aurist.
Junction City	Dr. W. T. Pollard	District Surgeon.
Albany	Dr. B. R. Wallace	Emergency Surgeon.
Salem	Dr. E. S. Fortner	District Examiner and Surgeon.
Salem	Dr. H. A. Gueffroy	Asst. Dist. Physician and Surgeon.
Salem	Dr. M. C. Findley	Oculist and Aurist.
Salem	Dr. W. W. Baum	Associate Oculist and Aurist.
Salem	Dr. L. O. Clement	Assistant Oculist and Aurist.
Salem	Dr. W. N. Thompson	Assistant Oculist and Aurist.
Woodburn	Dr. E. S. Donelly	District Examiner and Surgeon.
Aurora	Dr. B. F. Giesy	Emergency Surgeon.
Canby	Dr. F. C. Renfrew	District Physician and Surgeon.
Oregon City	Dr. Guy Mount	District Surgeon.
East Portland	Dr. Paul H. Homann	District Examiner and Surgeon.
Portland	Dr. A. L. Berkley	Division Examiner and Surgeon.
Portland	Dr. John S. Rankin	District Examiner and Surgeon.
Portland	Dr. Frank E. Brown	District Examiner and Surgeon.
Portland	Dr. Allan M. Davis	Assistant Oculist and Aurist.
Portland	Dr. R. F. Davis	Oculist and Aurist.
Portland	Dr. A. J. Browning	Associate Oculist and Aurist.
Reedsport	Dr. J. C. Eastland	District Surgeon.
Florence	Dr. Navarre J. Dunn	Emergency Surgeon.
Florence	Dr. J. E. Gardner	Acting Emergency Surgeon.
North Bend	Dr. Ennis Keizer	Asso. Dist. Examiner and Surgeon.
North Bend	Dr. Dean P. Crowell	District Examiner and Surgeon.
Marshfield	Dr. G. E. Dix	District Examiner and Surgeon.
Marshfield	Dr. R. J. Dixon	Asst. Dist. Examiner and Surgeon.
Marshfield	Dr. Bernard Barkwill	Oculist and Aurist.
Coquille	Dr. James Richmond	District Examiner and Surgeon.
Myrtle Point	Dr. H. H. Thomas	Emergency Surgeon.
Silverton	Dr. R. E. Kleinsorge	District Examiner and Surgeon.
Mill City	Dr. D. W. Reid	Emergency Surgeon.
Stayton	Dr. Burl Betzer	Emergency Surgeon.
Scio	Dr. A. G. Prill	District Surgeon.
Lebanon	Dr. J. C. Booth	District Examiner and Surgeon.
Lebanon	Dr. Norman E. Irvine	District Examiner and Surgeon.
Brownsville	Dr. George M. Larson	District Surgeon.
Toledo	Dr. R. D. Burgess	District Examiner and Surgeon.
Newport	Dr. W. S. Thurtell	Emergency Surgeon.
Sherwood	Dr. F. T. Rucker	Emergency Surgeon.
Newberg	Dr. C. A. Bump	Emergency Surgeon.
Newberg	Dr. T. W. Hester	Emergency Surgeon.
Beaverton	Dr. C. E. Mason	District Examiner and Surgeon.
Hillsboro	Dr. J. O. Robb	District Examiner and Surgeon.
Cornelius	Dr. E. J. Crowthers	Emergency Surgeon.
Forest Grove	Dr. H. C. Fortner	District Examiner and Surgeon.
Carlton	Dr. A. D. Morrison	Emergency Surgeon.
McMinnville	Dr. W. H. Barendrick	District Examiner and Surgeon.
McMinnville	Dr. E. H. Barendrick	District Examiner and Surgeon.
Independence	Dr. Geo. C. Knott	District Examiner and Surgeon.
Independence	Dr. C. A. Fratzke	Assistant District Surgeon
Corvallis	Dr. W. T. Johnson	District Examiner and Surgeon.
Corvallis	Dr. N. L. Tarter	District Examiner and Surgeon.
Monroe	Dr. E. Bennett	District Surgeon.
Sheridan	Dr. Murch Russell	District Physician and Surgeon.
Dallas	Dr. A. B. Starbuck	District Examiner and Surgeon.
Wheeler	Dr. H. E. Rhinehart	District Surgeon.
Tillamook	Dr. E. R. Huckleberry	District Physician and Surgeon.
Molalla	Dr. E. R. Todd	Emergency Surgeon.

NOTE.—Emergency Surgeons should only be summoned for temporary treatment when prompt attention is required and when patients cannot be sent to or await arrival of Division or District Surgeon.

DIVISION HOSPITALS

Good Samaritan, St. Vincents, Portland, Ore.

MILEAGE

Main Lines

Ashland to Portland	S. P. Co.	339.79		
	Union Pacific	.06		
	N. P. T. Co.	.26	340.11	
Natron to M. P. 527 Crescent Lake	C. P. Ry.		86.84	
Springfield Junction to Natron	S. P. Co.		7.05	
Total Main Line				434.00

Branches

Alpine	S. P. Co.	Alpine Jct. to Glenbrook		6.10	
Bellfountain	S. P. Co.	Bailey Jct. to Dawson		5.00	
Coos Bay	S. P. Co.	Eugene to Myrtle Point	146.72		
	C. B. L. Co. R. R.	Myrtle Point to Powers	18.78	165.50	
Falls City	S. P. Co.	Salem to wye		28.36	
Geer	S. P. Co.	Salem to Geer		6.81	
Mill City	S. P. Co.	Shelburn to Idanha		45.81	
Milwaukie	S. P. Co.	Wilsonia to Willsburg Jct		3.06	
Molalla	S. P. Co.	Canby to Molalla		10.28	
Newberg	S. P. Co.	St. Joseph to Portland		36.56	
Perrydale	S. P. Co.	Broadmead to Perrydale		2.38	
Tallman	S. P. Co.	Page to Tallman		7.69	
Tillamook	S. P. Co.	Hillsboro to Tillamook		91.22	
Wendling	S. P. Co.	Mohawk Jct. to Wendling		15.73	
West Side	S. P. Co.	Cheshire to Cook via Beaverton		119.09	
Willamina	S. P. Co.	Whiteson to Willamina		19.77	
Woodburn-Springfield	S. P. Co.	Woodburn to Springfield		92.94	
Toledo	S. P. Co.	Albany to Toledo		74.43	
Total Branches					730.73
Total Portland Division					1164.73

AVERAGE TARE WEIGHTS OF PASSENGER TRAIN CARS

CLASS	NOT AIR-CONDITIONED		AIR-CONDITIONED	
	All-Steel	Steel Underframe	All-Steel Cooling Season	All-Steel Heating Season
Baggage—60 ft.	93,070			
" —66 ft.	127,610			
" —70 ft.	122,620			
" —70 ft. (With Auto. End Door)	125,800			
" —(Dynamo)	98,730			
"		87,120		
Baggage & Mail—60 ft.	103,620			
" " " —69 ft.	124,760			
" " " —70 ft.	129,140			
" " "		103,590		
" " Passenger	108,675	112,640		
Express Refr.—N. P. Ry.		74,000		
" " —A. R. E. No. 40-154		78,000		
" " — " " 155-224		89,000		
" " — " " 500-506		110,000		
" " — " " 1101-1175		85,000		
" " —P. F. E. " 500-799		83,000		
Express, Horse	133,050			
Postal	112,120			
Postal Storage—40 ft.	74,530			
" " —60 ft.	105,120			
Assembly (ACW)			168,950	168,950
Club.....(ACI)	146,210	122,300	172,200	164,700
Official...(NAC)	170,700	155,370		
" (ACW)—Cars 107-128			182,800	182,800
" (ACW)—Cars 140-141			195,040	195,040
Chair—60 ft. (ACI)	100,620		138,000	132,000
" —72 ft. (ACI)			165,000	157,800
" —72 ft. (ACW)			158,700	158,700
" —74 ft. (ACI)			180,915	173,125
" —74 ft. (ACS)			197,944	181,600
Coaches—60 ft. (ACI)	98,130		136,100	130,100
" —70 ft. (ACI)	137,640		157,800	151,000
" —70 ft. (ACW)	137,640		151,000	151,000
" —72 ft. (ACI)			164,500	157,400
" —72 ft. (ACW)			153,500	153,500
" —73 ft. 6 in. (ACW)			163,000	163,000
" —73 ft. 6 in. (ACI)			168,500	161,200
" —72 ft. (Interurban)	120,000			
All-Day Lunch—Chair	105,970			
" " —Coach	103,875			
Cafe-Coach (ACI)		138,600	155,700	149,000‡
Cafe-Lounge (ACI)	148,950	161,200	173,500	166,000
" (ACW)			156,000	156,000
Diner—70 ft.		135,930		
" —72 ft.	155,330	146,930		
" —77 ft. (Arch Roof) (ACI)	156,000		170,100	162,700
" —77 ft. (" ") (ACW)			162,950	162,950
" —77 ft. (Clere Story Roof) (ACW)		165,530	169,450	169,450
" —77 ft. (" " ") (ACM)			189,581	173,836
" —79 ft. (NAC)	169,100			
" —80 ft. (Clere Story Roof) (ACM)			201,323	184,700
Lounge (" " ") (ACI)			189,800	181,630
" (Arch Roof) (ACI)			167,500	160,300
" (" ") (ACW)			164,980	157,780
Observation—75 ft. (ACI)	154,400		169,185	161,900
" —77 ft. (ACI)			194,543	186,166
"		141,870		
Pullman—Observation (ACI)	160,800	153,000	177,314	169,200
" — " (ACM)	160,800	153,000	192,300	176,300
" — " Lounge (ACM)	171,200		194,900	178,900
" — " " (ACI)	171,200		187,682	179,600
" —Bedroom (ACI)	167,600		183,920	176,000
" — " (ACM)	167,600		195,800	179,800
" —Sleeper (ACM)	163,100		191,100	175,100
" — " (ACI)	163,100		180,075	171,500
" —Tourist (ACM)	153,000		185,200	169,200
" — " (ACI)	153,000		168,663	161,400
Rail, Gas-Electric—400 H.P.	158,400			
" " " —600 H.P.	167,200			

‡Steel underframe.

CODE:—NAC—Non-Air Conditioned.
—ACI —Air-Conditioned—Ice System.
—ACM—Air-Conditioned—Mechanical System.
—ACW—Air-Conditioned—Waukesha System.
—ACS —Air-Conditioned—Steam Ejector System.

TRAINMASTERS

W. W. McDONALD..........................Portland, Ore.
E. D. SMITH............................Eugene Yard, Ore.
G. H. MOORE.............................Roseburg, Ore.
D. P. BOYKIN...........................Eugene Yard, Ore.
N. B. EDDLESTONE..........................Portland, Ore.

ROAD FOREMEN OF ENGINES

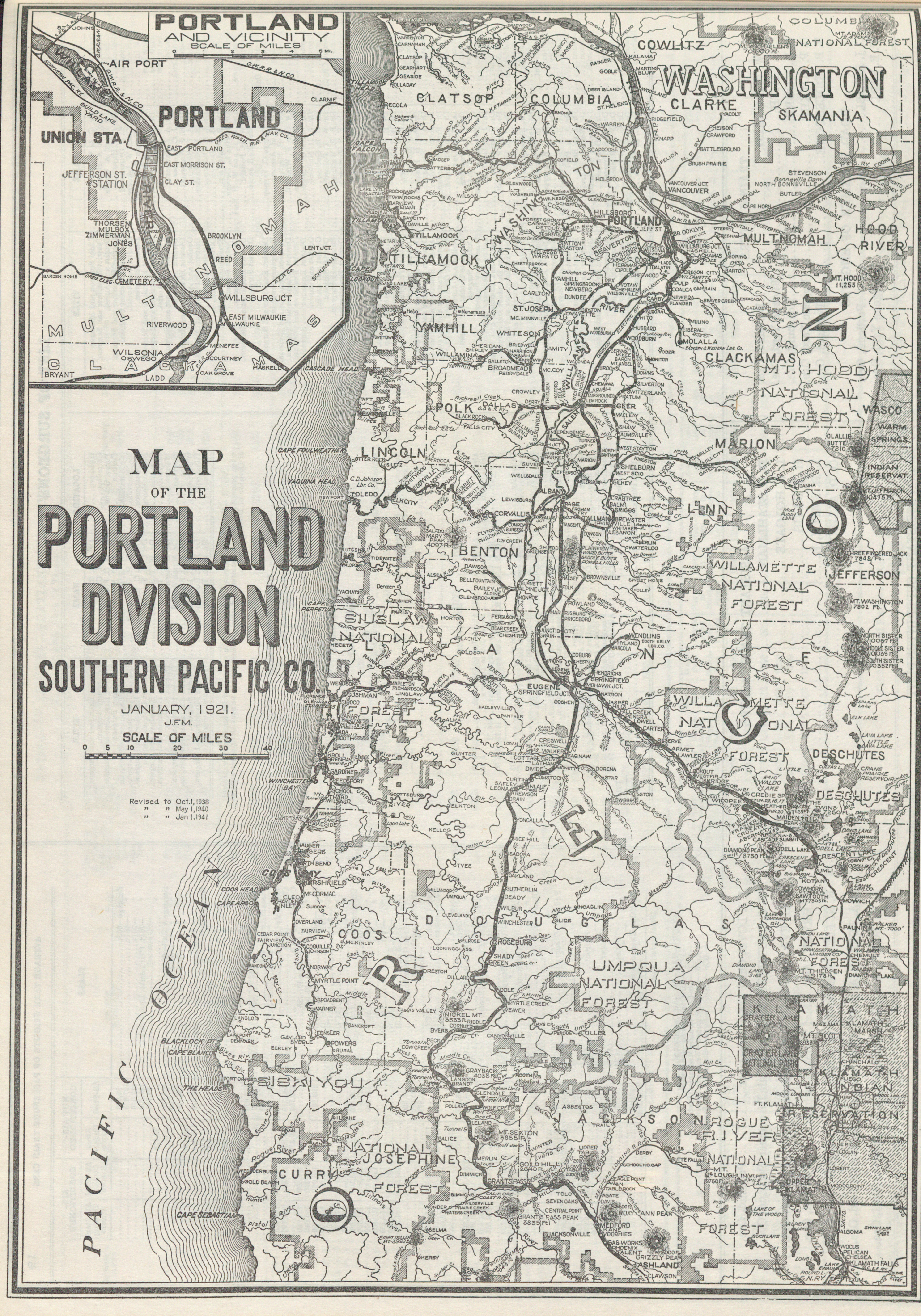
C. J. RIEDEL..............................Portland, Ore.
W. E. EARL.............................Eugene Yard, Ore.

ASSISTANT TRAINMASTERS

D. C. STAHLMAN..................................
L. L. HOLGATE...................................
H. J. DAVIS.....................................
L. R. SMITH, Jr.................................
O. D. ALLISON...................................

J. I. LOVE, Chief Train Dispatcher............Portland, Ore.
W. C. CAUTHERS, Asst. Chief Train Dispatcher, Portland, Ore.
C. H. EVA, Asst. Chief Train Dispatcher.......Portland, Ore.
F. HRUBY, Asst. Chief Train Dispatcher......Portland, Ore.
V. N. FIELDS, Chief Train Dispatcher.....Eugene Yard, Ore.
E. A. TUTTLE, Asst. Chief Train Dispatcher, Eugene Yard, Ore.
A. W. SORG, Asst. Chief Train Dispatcher, Eugene Yard, Ore.

C. H. GRANT, ASSISTANT SUPERINTENDENT.............Portland, Ore.



MAP
OF THE
PORTLAND DIVISION
SOUTHERN PACIFIC CO.

JANUARY, 1921.
J.F.M.

SCALE OF MILES

Revised to Oct.1, 1938
" " May 1, 1940
" " Jan 1, 1941

PORTLAND AND VICINITY
SCALE OF MILES
0 1 2 3 4 5 MI.
AIR PORT
PORTLAND
UNION STA.
EAST PORTLAND
EAST MORRISON ST.
JEFFERSON ST. STATION
CLAY ST.
WILLAMETTE
RIVER
THORSEN
MULBOX
ZIMMERMAN
JONES
BROOKLYN
REED
LENT JCT.
SCHUMAN
CLARNIE
GARDEN HOME
CEMETERY
WILLSBURG JCT.
EAST MILWAUKIE
MILWAUKIE
RIVERWOOD
MENEFEE
WILSONIA
OSWEGO
COURTNEY
OAK GROVE
HASKELL
BRYANT
LADD
MULTNOMAH
CLACKAMAS
0 5 10 20 30 40
WASHINGTON
COWLITZ
CLARKE
SKAMANIA
COLUMBIA NATIONAL FOREST
MT. ADAMS
MT. ST. HELENS
CLATSOP
COLUMBIA
WASHINGTON
TILLAMOOK
YAMHILL
POLK
LINCOLN
BENTON
MULTNOMAH
HOOD RIVER
MT. HOOD 11,253 Ft.
CLACKAMAS
MT. HOOD NATIONAL FOREST
WASCO
WARM SPRINGS
INDIAN RESERVAT.
MARION
LINN
JEFFERSON
WILLAMETTE NATIONAL FOREST
SIUSLAW NATIONAL FOREST
DESCHUTES
DESCHUTES NATIONAL FOREST
UMPQUA NATIONAL FOREST
DOUGLAS
COOS
CURRY
JOSEPHINE
JACKSON
ROGUE RIVER NATIONAL FOREST
SISKIYOU NATIONAL FOREST
KLAMATH
CRATER LAKE NATIONAL PARK
KLAMATH INDIAN RESERVATION
UPPER KLAMATH
KLAMATH FALLS
O R E G O N
PACIFIC OCEAN
CAPE FALCON
CAPE LOOKOUT
CASCADE HEAD
CAPE FOULWEATHER
YAQUINA HEAD
CAPE PERPETUA
WINCHESTER BAY
COOS BAY
COOS HEAD
CAPE ARAGO
BLACKLOCK PT.
CAPE BLANCO
THE HEADS
CAPE SEBASTIAN
ASTORIA
SEASIDE
TILLAMOOK
HILLSBORO
BEAVERTON
PORTLAND
VANCOUVER
OREGON CITY
McMINNVILLE
SALEM
DALLAS
ALBANY
CORVALLIS
TOLEDO
NEWPORT
EUGENE
SPRINGFIELD
COTTAGE GROVE
ROSEBURG
MARSHFIELD
COQUILLE
MYRTLE POINT
GRANTS PASS
MEDFORD
ASHLAND
JACKSONVILLE
MT. JEFFERSON
THREE FINGERED JACK
MT. WASHINGTON
NORTH SISTER
MIDDLE SISTER
SOUTH SISTER
DIAMOND PEAK
MT. THIELSEN
MT. SCOTT
MT. LOUGHLIN (MT. PITT)
GRAYBACK
MT. SEXTON
GRIZZLY PEAK